

THE ORDERS

FIFTY-EIGHT PLATES
ILLUSTRATING THE FIVE ORDERS
OF ARCHITECTURE

- I TUSCAN
- II DORIC
- III IONIC
- IV CORINTHIAN
- V COMPOSITE

AMERICAN TECHNICAL SOCIETY
CHICAGO

Charles M Scarnegie
Bloomington
Indiana

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LIST of PLATES AND SUBJECTS

ROMAN (RENAISSANCE)

- I. Parallel of the Orders,—Doric, Ionic, Corinthian.
- II. Tuscan Order,—Entablature and Details.
- III. Doric Column,—Denticular, Mutular.
- IV. Details of Denticular Doric Entablature.
- V. Details of Mutular Doric Entablature.
- VI. Doric Pedestal and Impost.
- VII. Doric Order.
- VIII. Doric Order according to Palladio.
- IX. Mutular Doric Order according to Vignola.
- X. Details of Ionic Capital.
- XI. Details of Ionic Entablature.
- XII. Details of Ionic Pedestal and Impost.
- XIII. Ionic Order.
- XIV. Ionic Order according to Palladio.
- XV. Details of Corinthian Capital. (I)
- XVI. Details of Corinthian Capital. (II)
- XVII. Details of Corinthian Capital. (III)
- XVIII. Corinthian Entablature.
- XIX. Corinthian Pedestal and Impost.
- XX. Corinthian Order.
- XXI. Corinthian Order according to Palladio.
- XXII. Ionic Arched Doorway.
- XXIII. Tuscan Arcade.
- XXIV. Doric Gallery with Arches.
- XXV. Doric Colonnaded Gallery.
- XXVI. Corinthian Campanile.
- XXVII. Tuscan Guardhouse.
- XXVIII. Ionic Entrance.
- XXIX. Doric Chapel.
- XXX. Ionic Circular Temple.
- XXXI. Corinthian Circular Temple.
- XXXII. Doric Pavilion.
- XXXIII. Ionic Temple with Portico.
- XXXIV. Corinthian Entrance.

GREEK (CLASSIC)

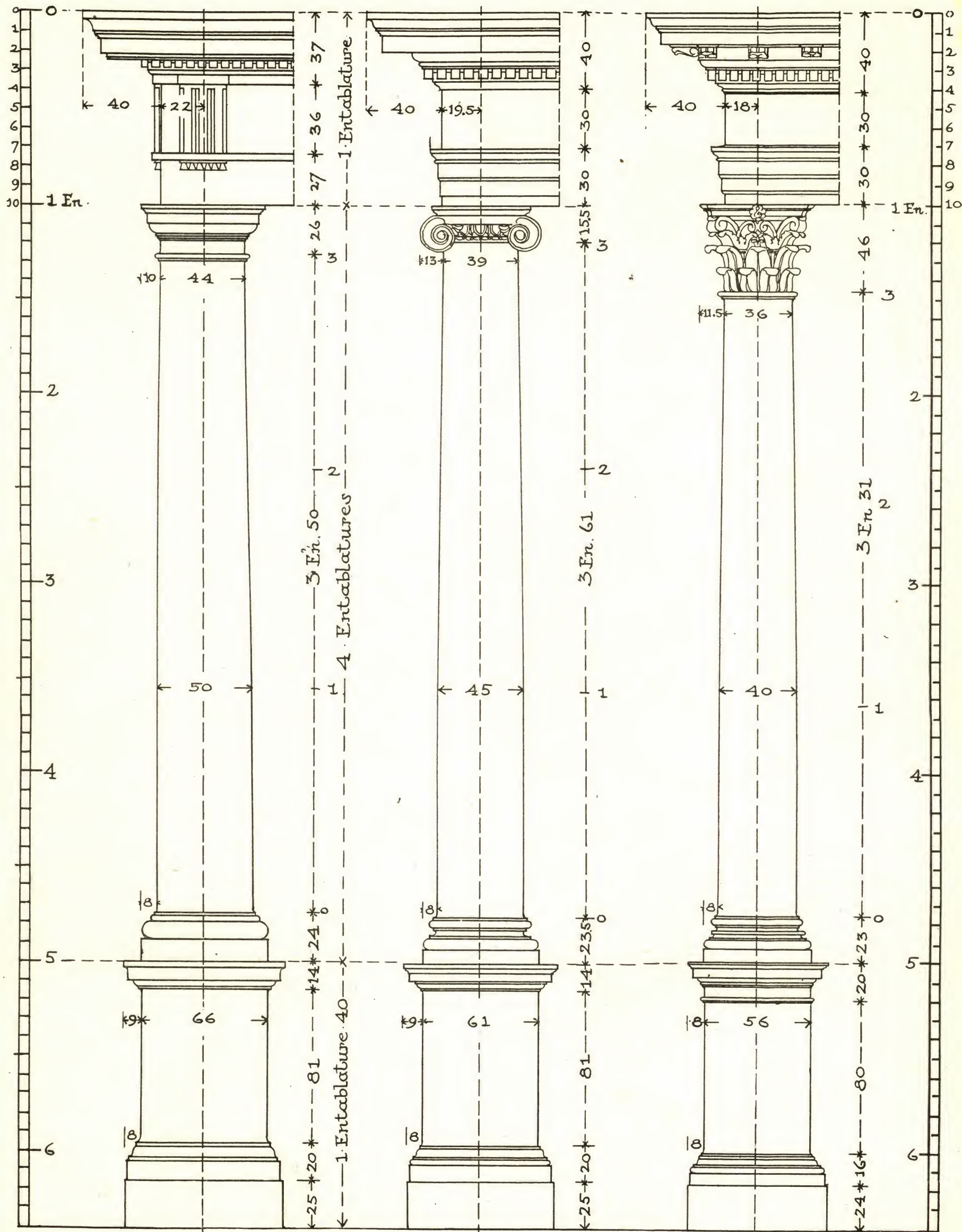
- XXXV. Temple of Diana Propylæa, Eleusis.
- XXXVI. Details of Temple of Diana Propylæa, Eleusis.
- XXXVII. Doric and Ionic Columns from Parthenon and Erechtheum.
- XXXVIII. Doric Order.
- XXXIX. Profiles of Typical Mouldings.
- XL. Ornamented Mouldings.
- XLI. Ionic Order.
- XLII. Ionic Capital (plain), Temple of Niké Apteros.
- XLIII. Ionic Capital (ornamented), Temple of Minerva Polias.
- XLIV. Portico, Temple of Minerva Polias.
- XLV. Details of Erechtheum.
- XLVI. Ionic Details, Temple of Minerva Polias.
- XLVII. Corinthian Order.
- XLVIII. Corinthian Columns,—Tholos at Epidauros, Temple of Winds, Monument of Lysicrates.
- XLIX. Details of Monument of Lysicrates.
- L. Details Showing Contemporaneous Use of Doric and Corinthian Orders, Tholos at Epidauros.

ROMAN (CLASSIC)

- LI. Ionic Details, Baths of Diocletian.
- LII. Corinthian Temple of Jupiter Olympus, Athens, and of Saturn, Rome.
- LIII. Corinthian Details, Pantheon, Rome.
- LIV. Corinthian Details, Temple of Antoninus and Faustina and Temple of the Sun.
- LV. Method of Constructing Corinthian and Composite Orders.
- LVI. Details of Composite Order, Baths of Diocletian and according to Palladio.
- LVII. Doric, Ionic, and Corinthian Columns from Albani, Fortuna Virilis, and Pantheon.
- LVIII. Details of Main Doorway, Pantheon.

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PARALLEL OF THE ORDERS

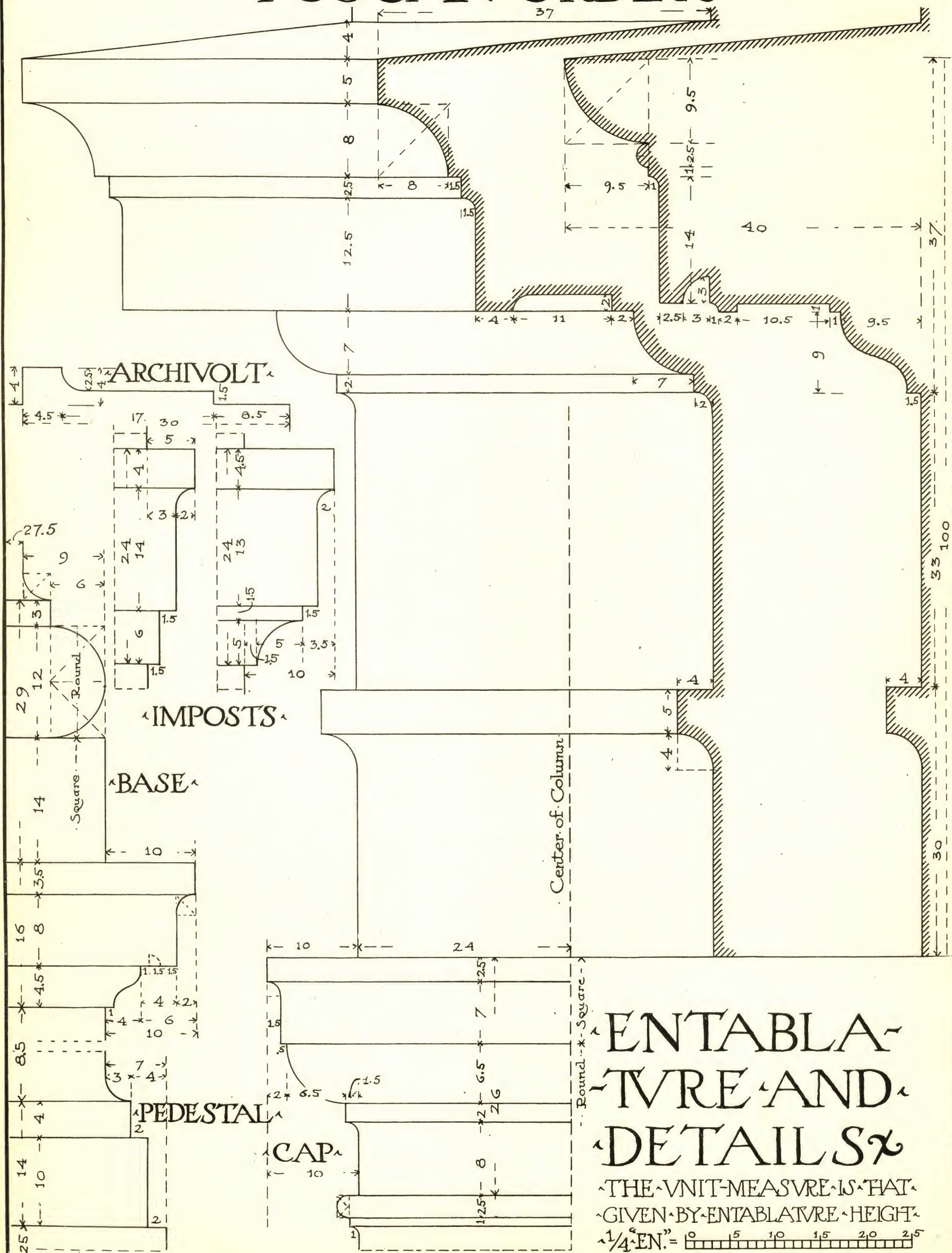


DORIC

IONIC

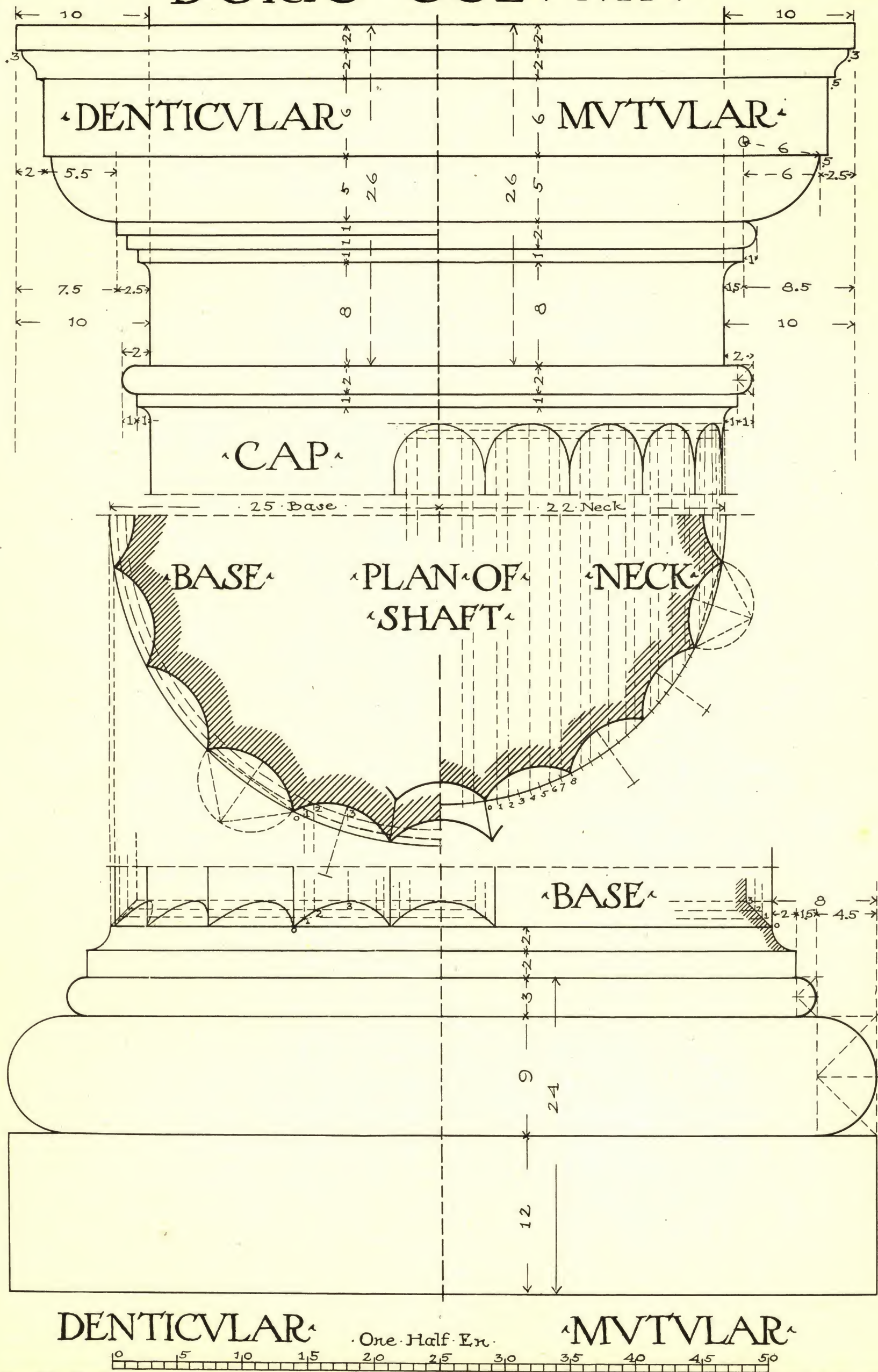
CORINTHIAN

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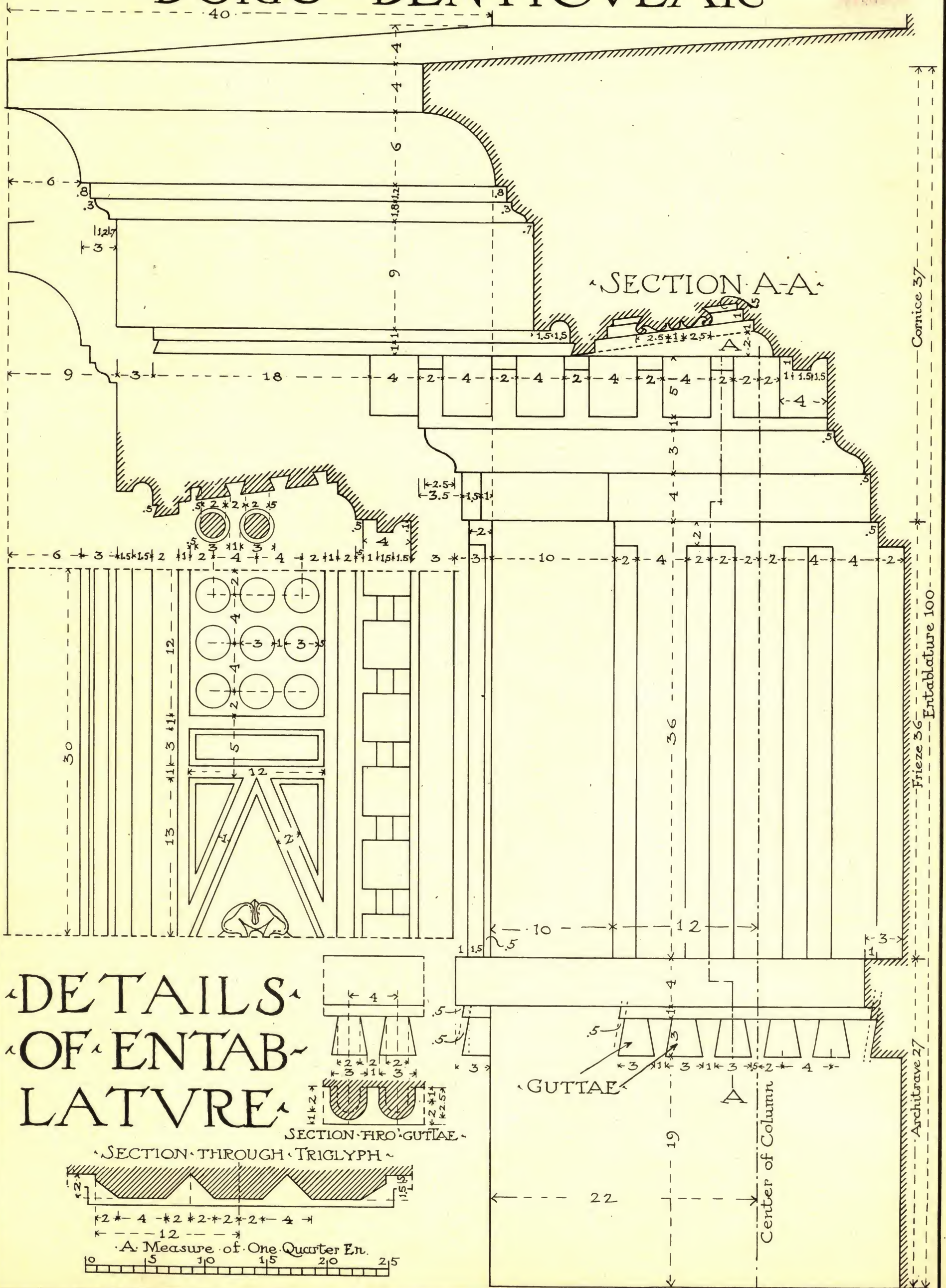
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DORIC COLUMN



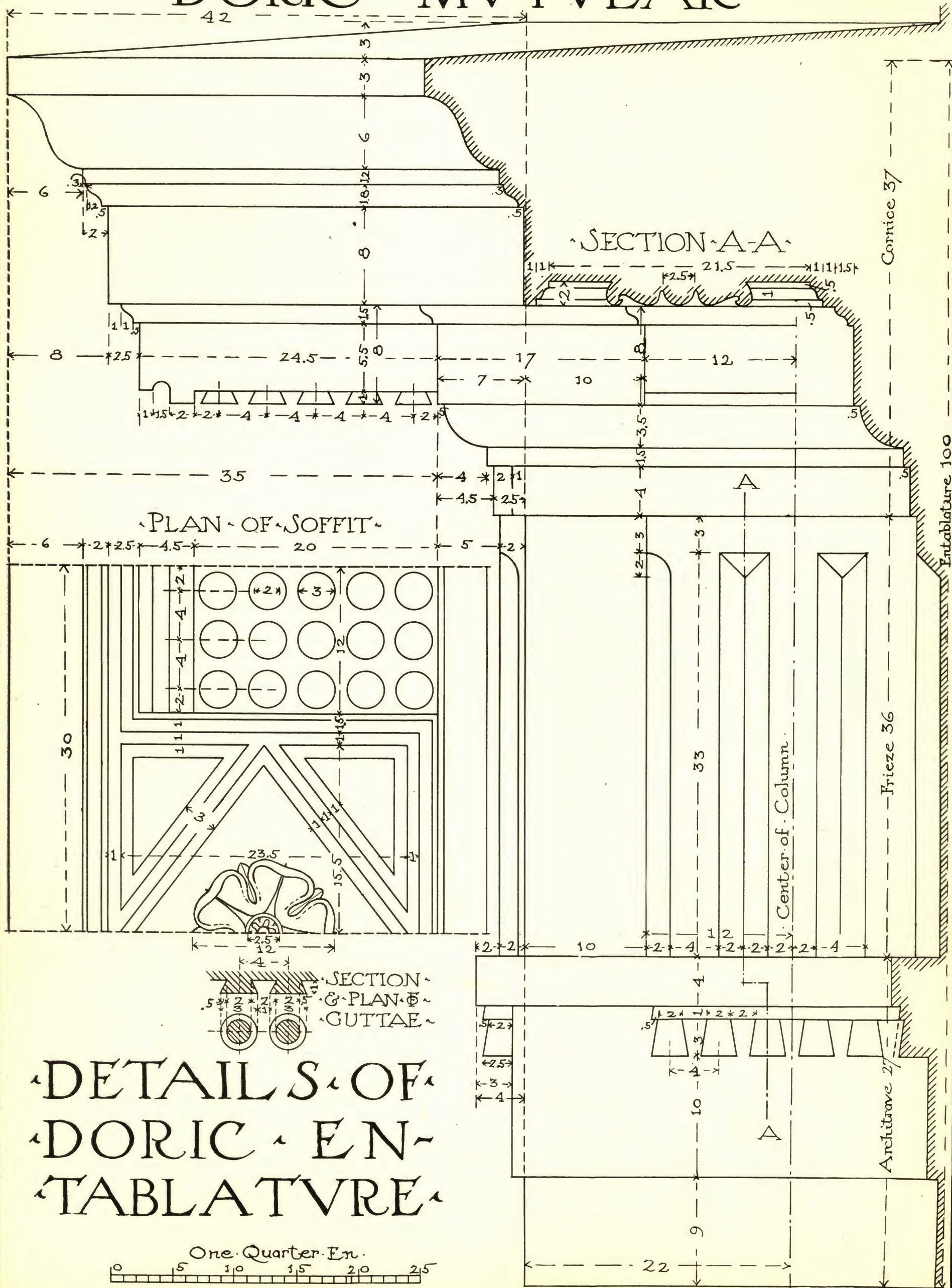
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DORIC DENTICULAR



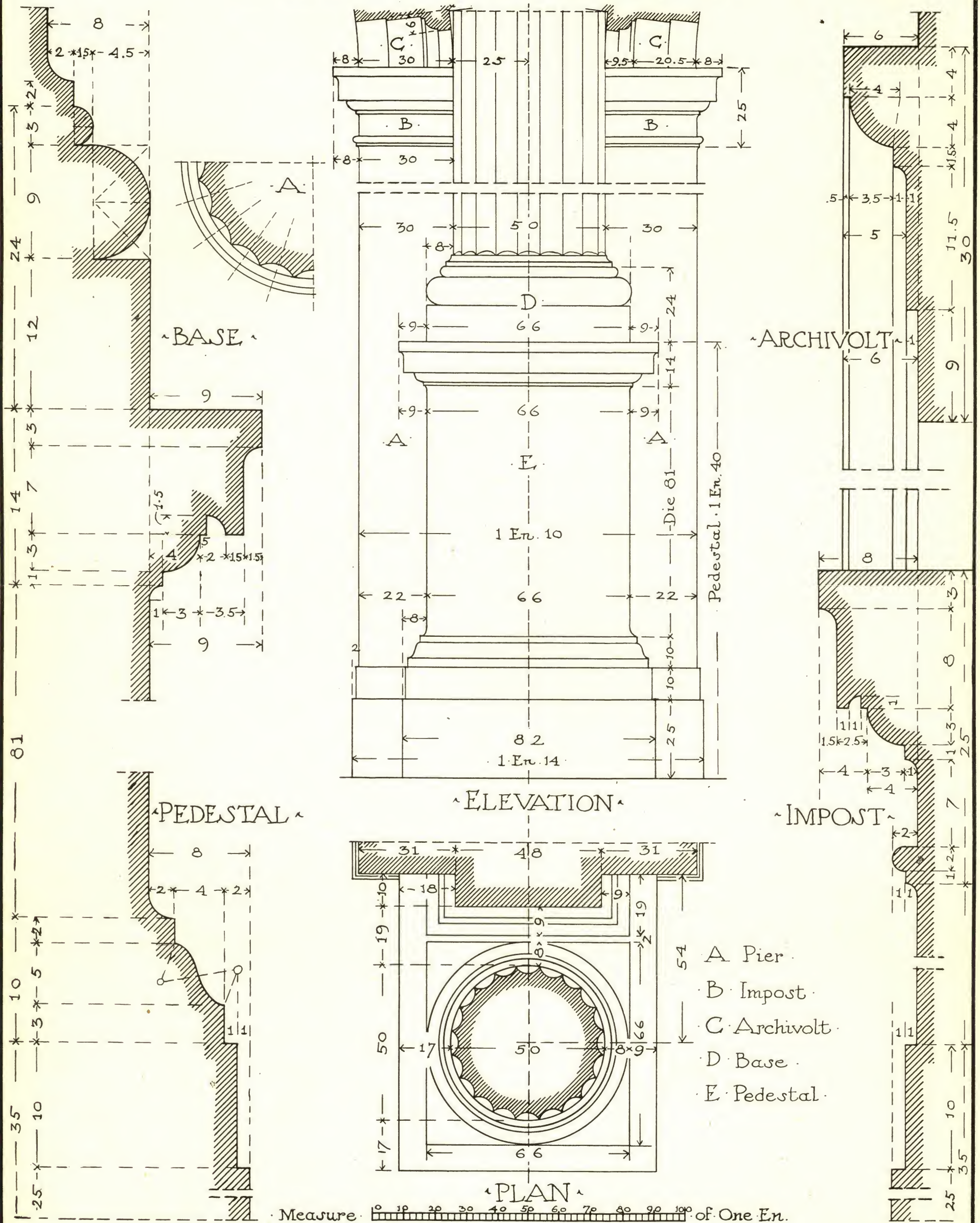
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·DORIC· ·M·V·T·V·L·A·R·



·DETAILS· OF · ·DORIC· ·E·N· ·TABLATVRE·

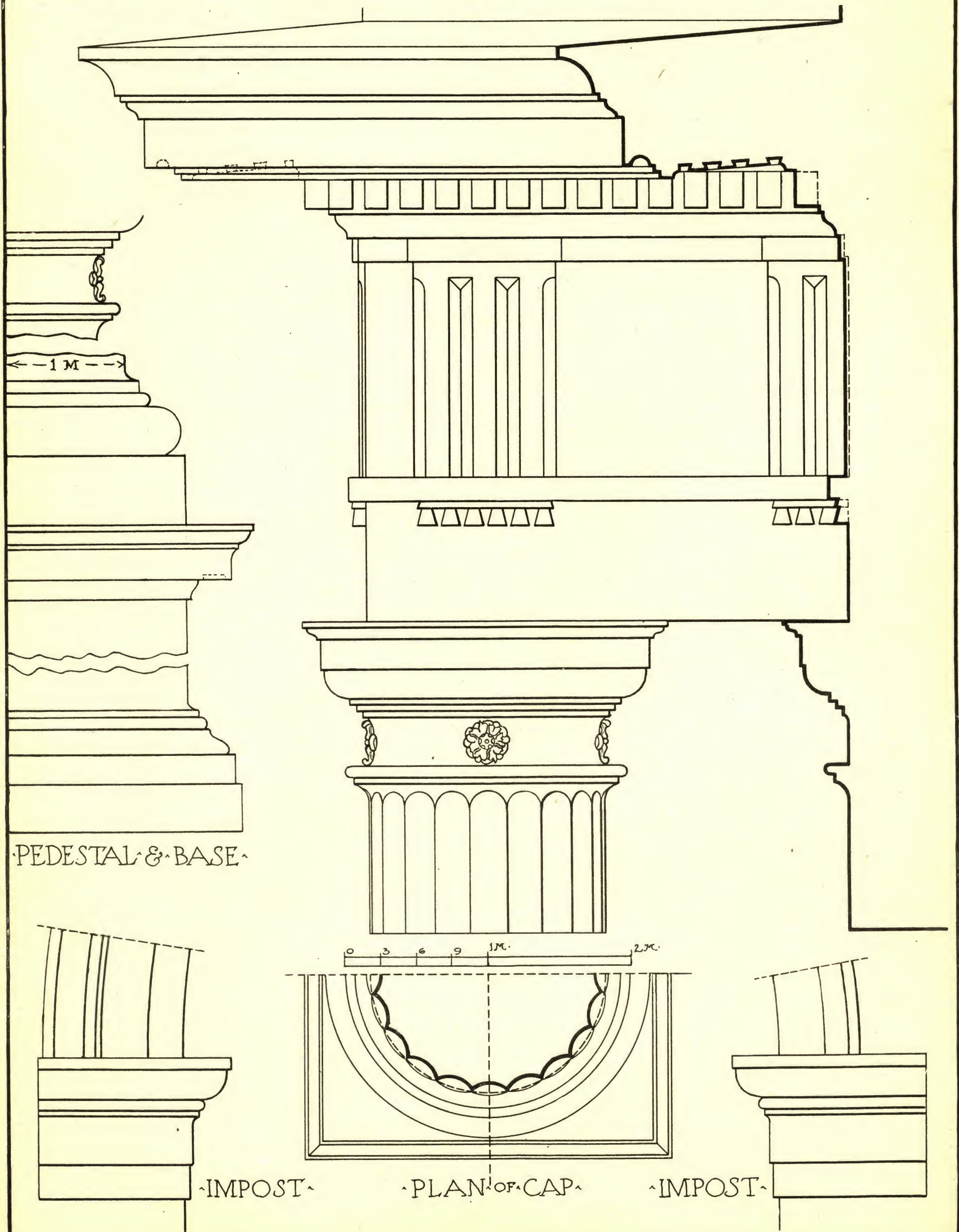
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^PEDESTAL^&^IMPOST^

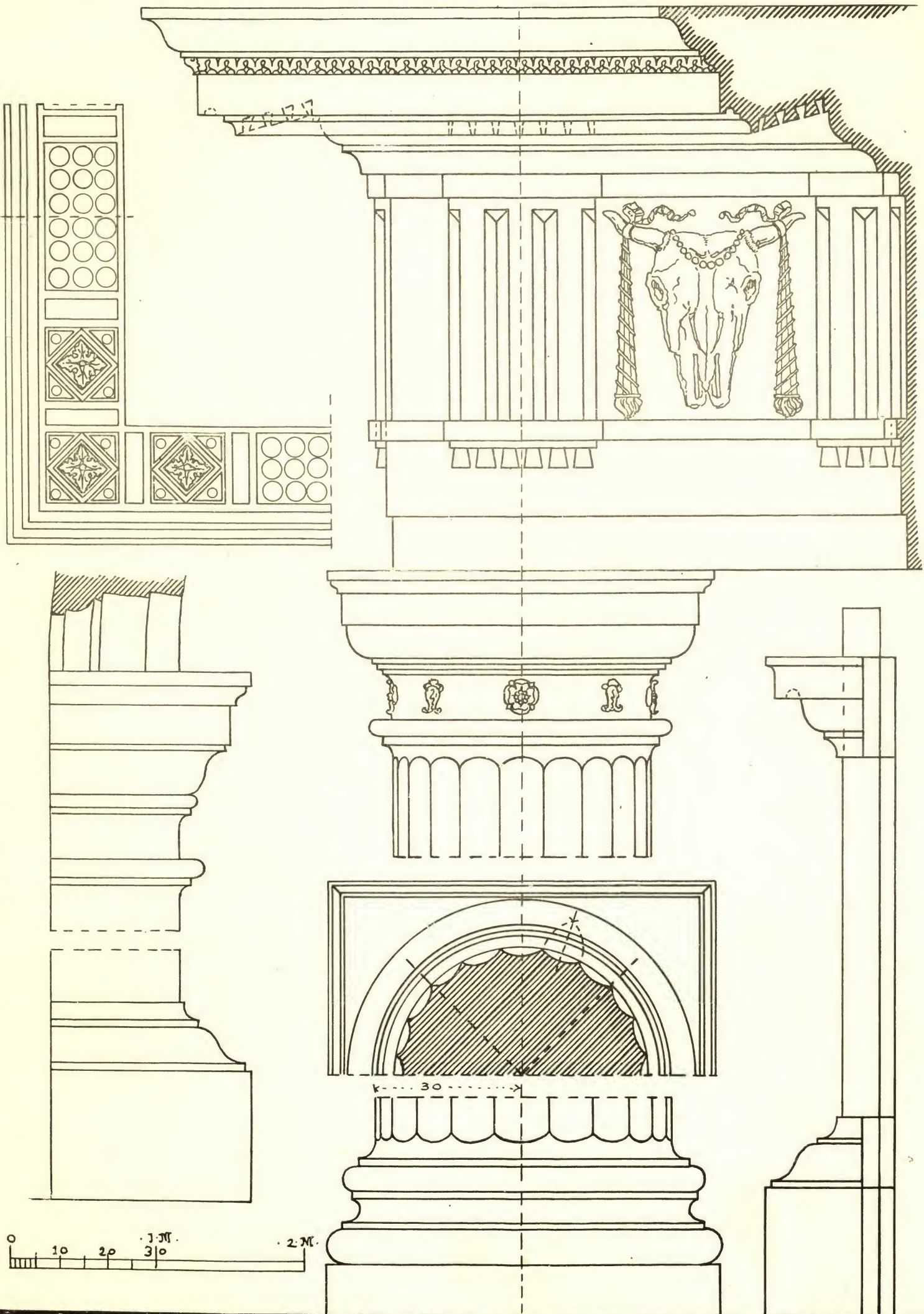
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ROMAN DORIC ORDER



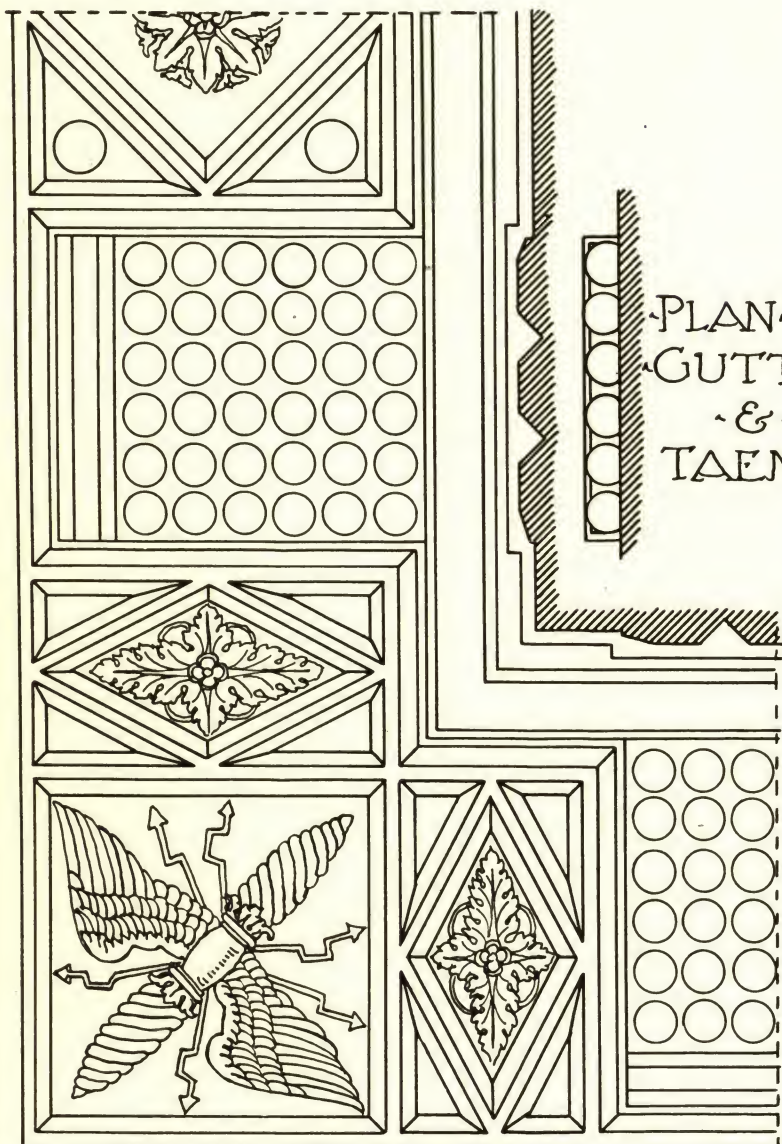
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ROMAN DORIC OF PALLADIO

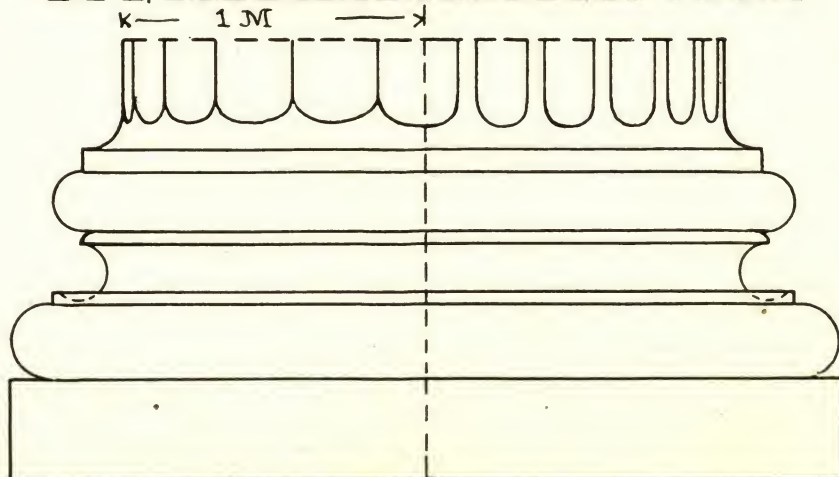
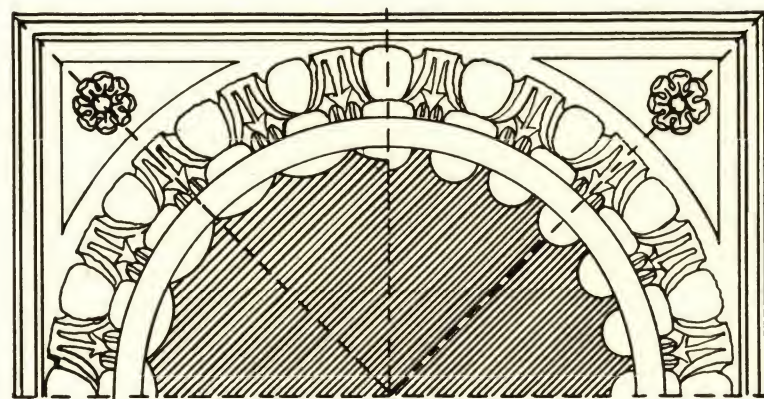
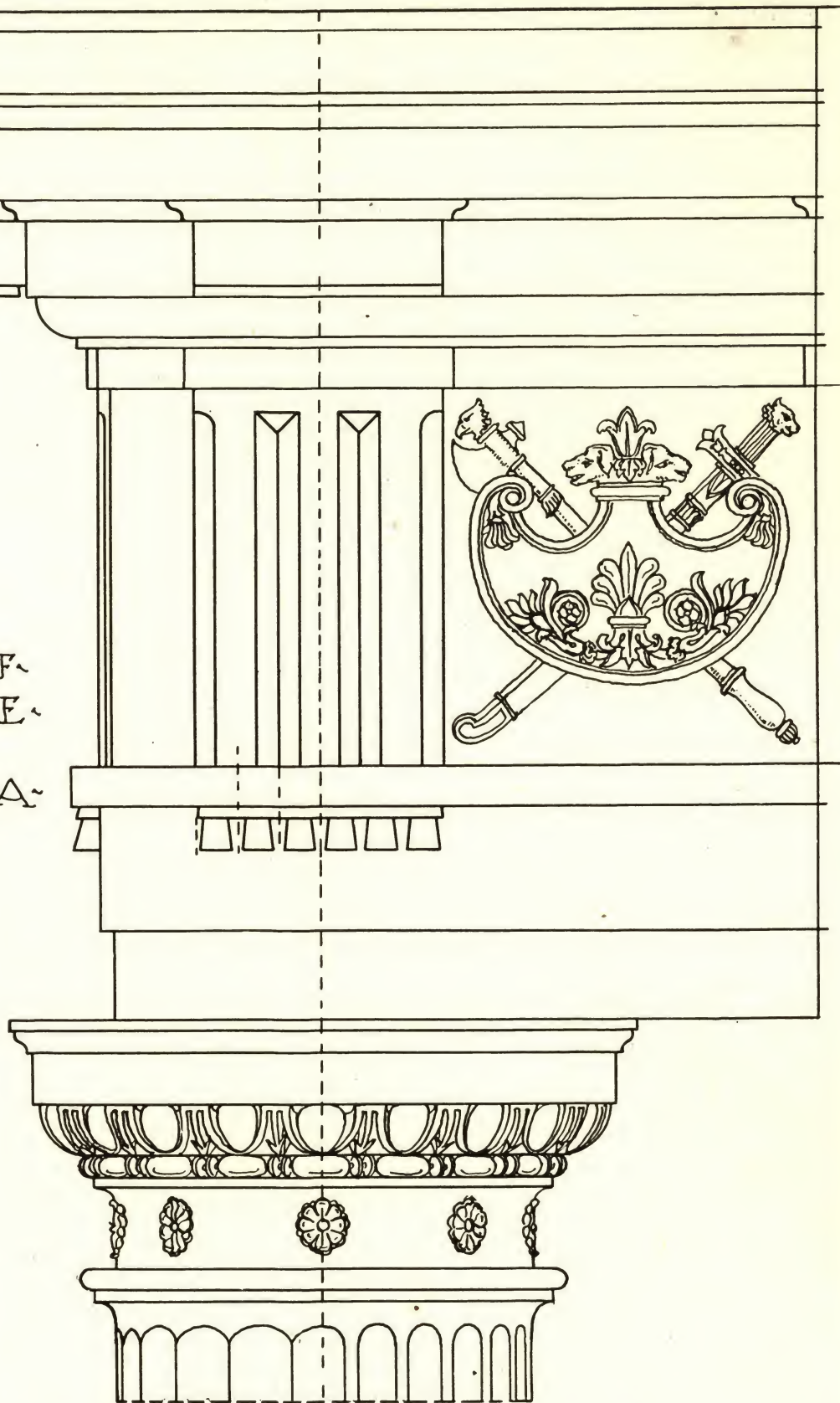
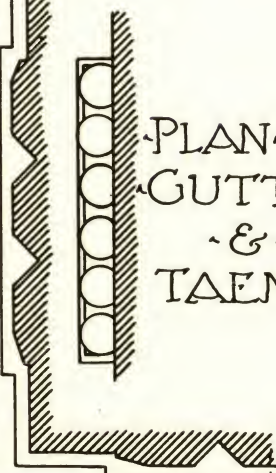


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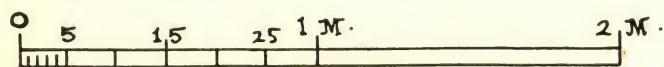
PLAN OF SOFFIT



PLAN OF
GUTTAE
&
TAENIA

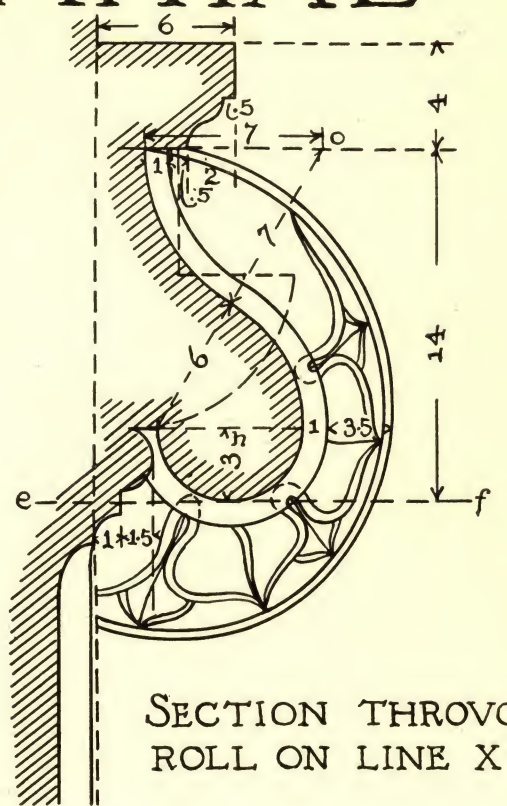
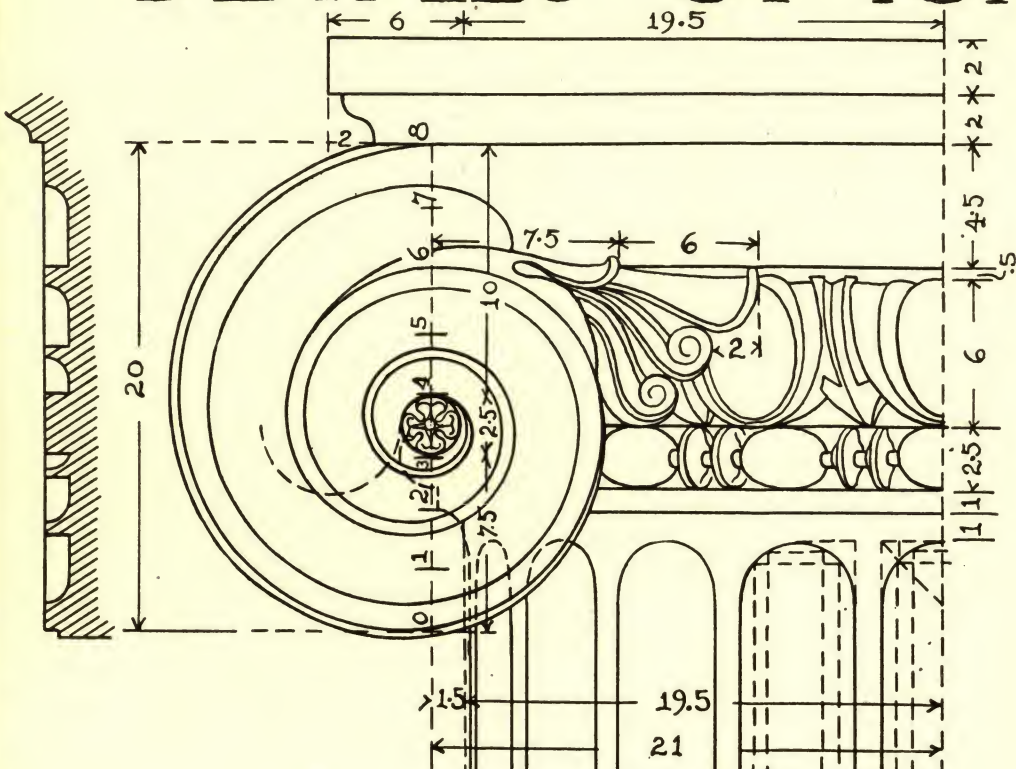


MUTVLAR
ROMAN DORIC
ACCORDING
TO VIGNOLA

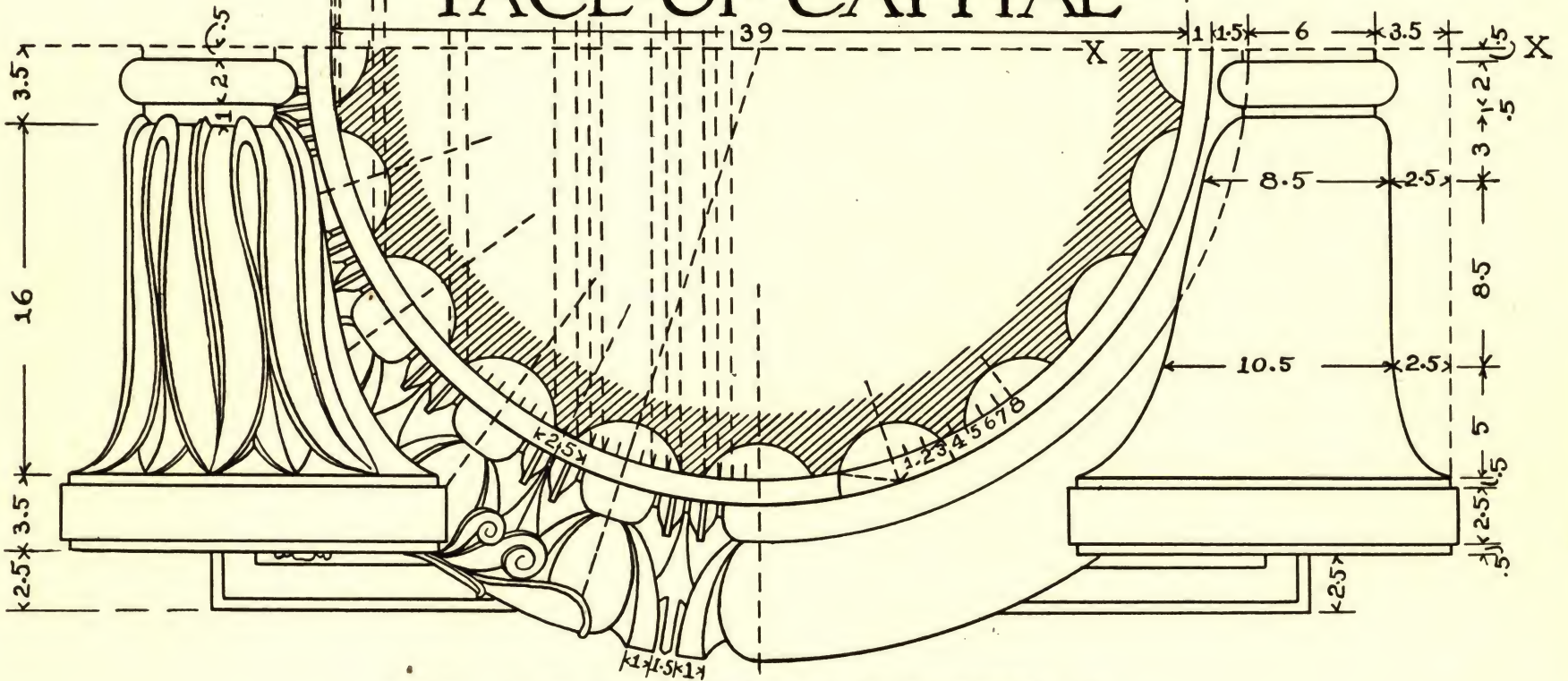


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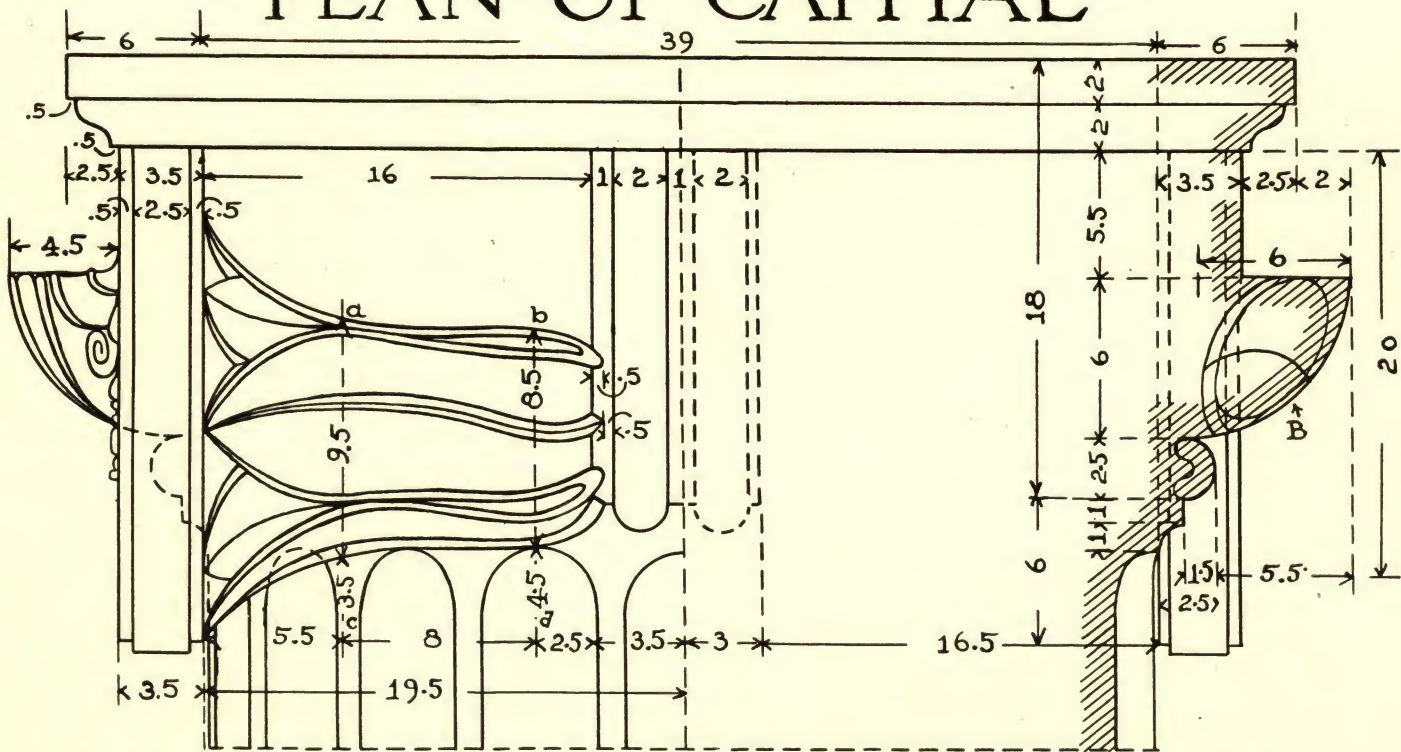
·DETAILS·OF·IONIC·CAPITAL·



FACE OF CAPITAL

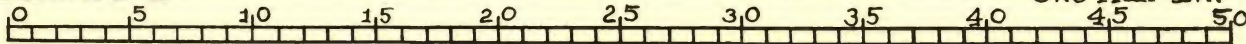


PLAN OF CAPITAL



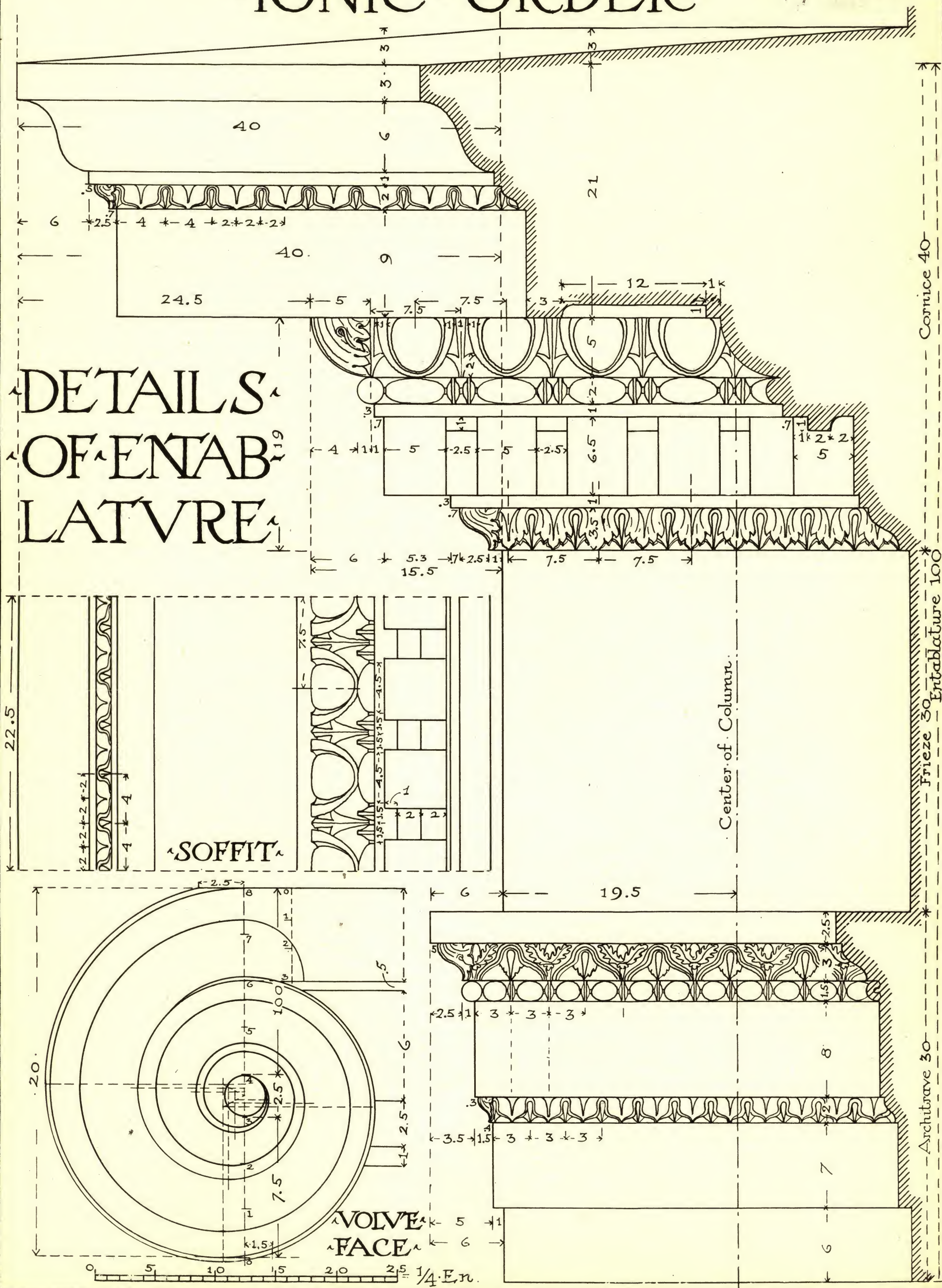
^ SIDE ^ OF ^ CAPITAL ^

One Half En.



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DETAILS
OF ENTAB
LATVRE

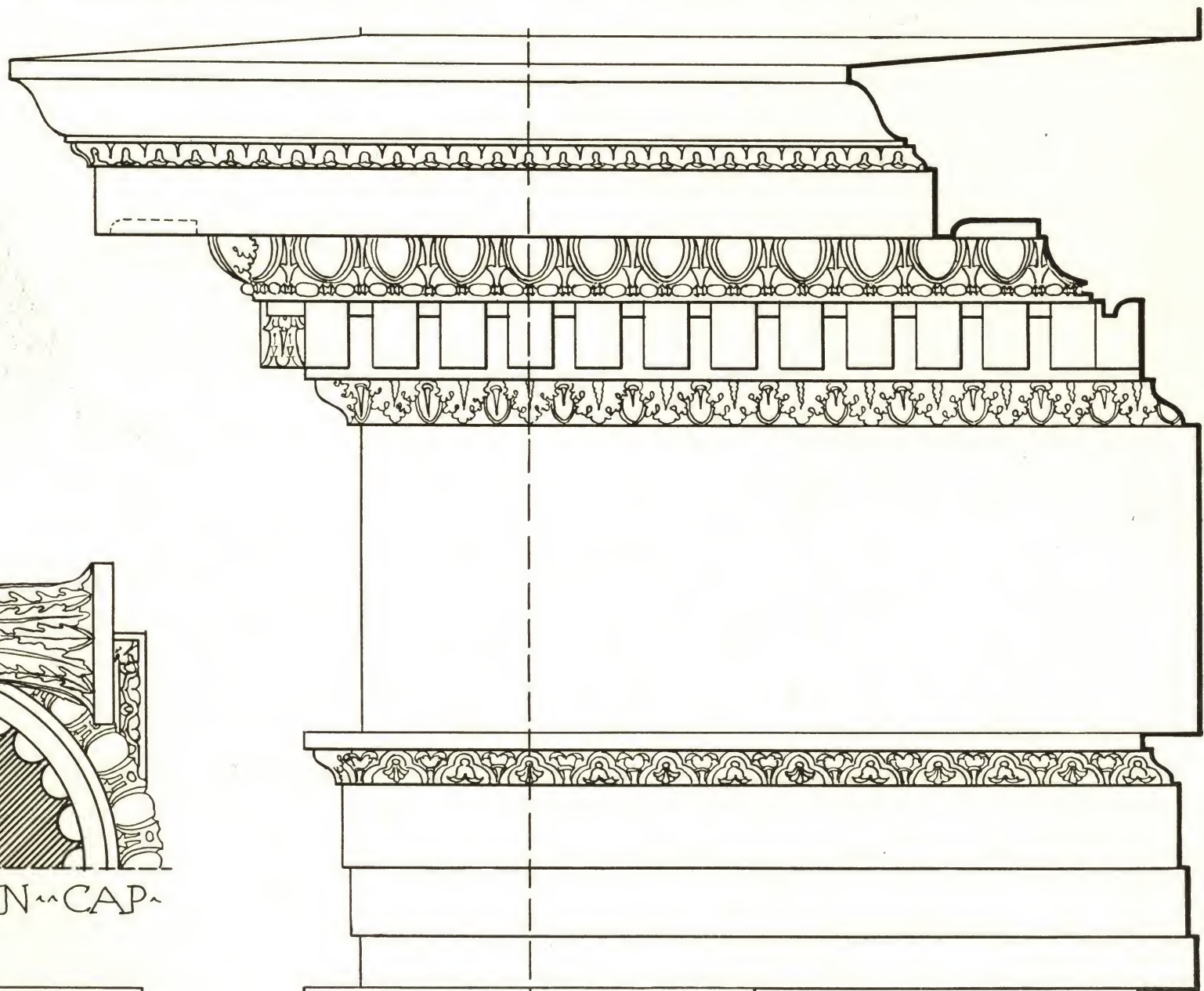


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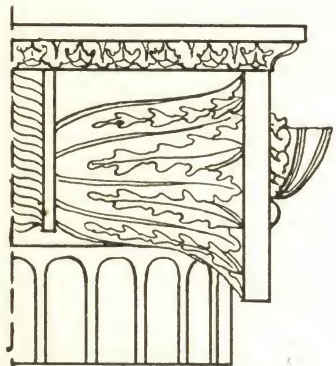
PEDESTAL & IMPOST

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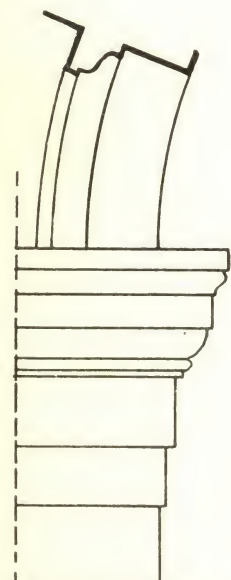
ROMAN IONIC ORDER



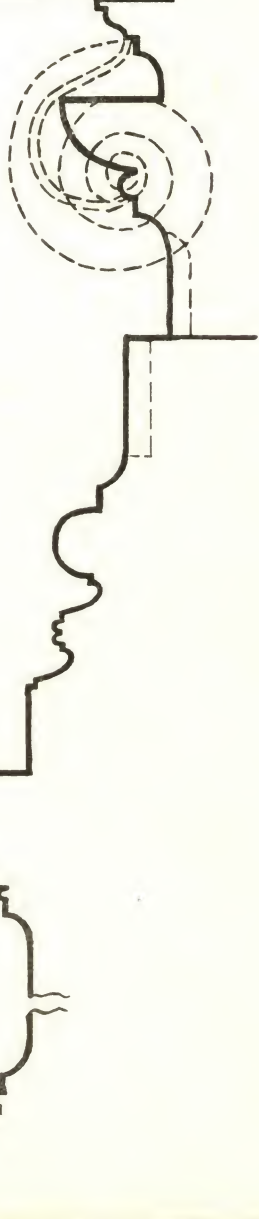
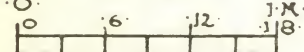
PLAN CAP



END CAP

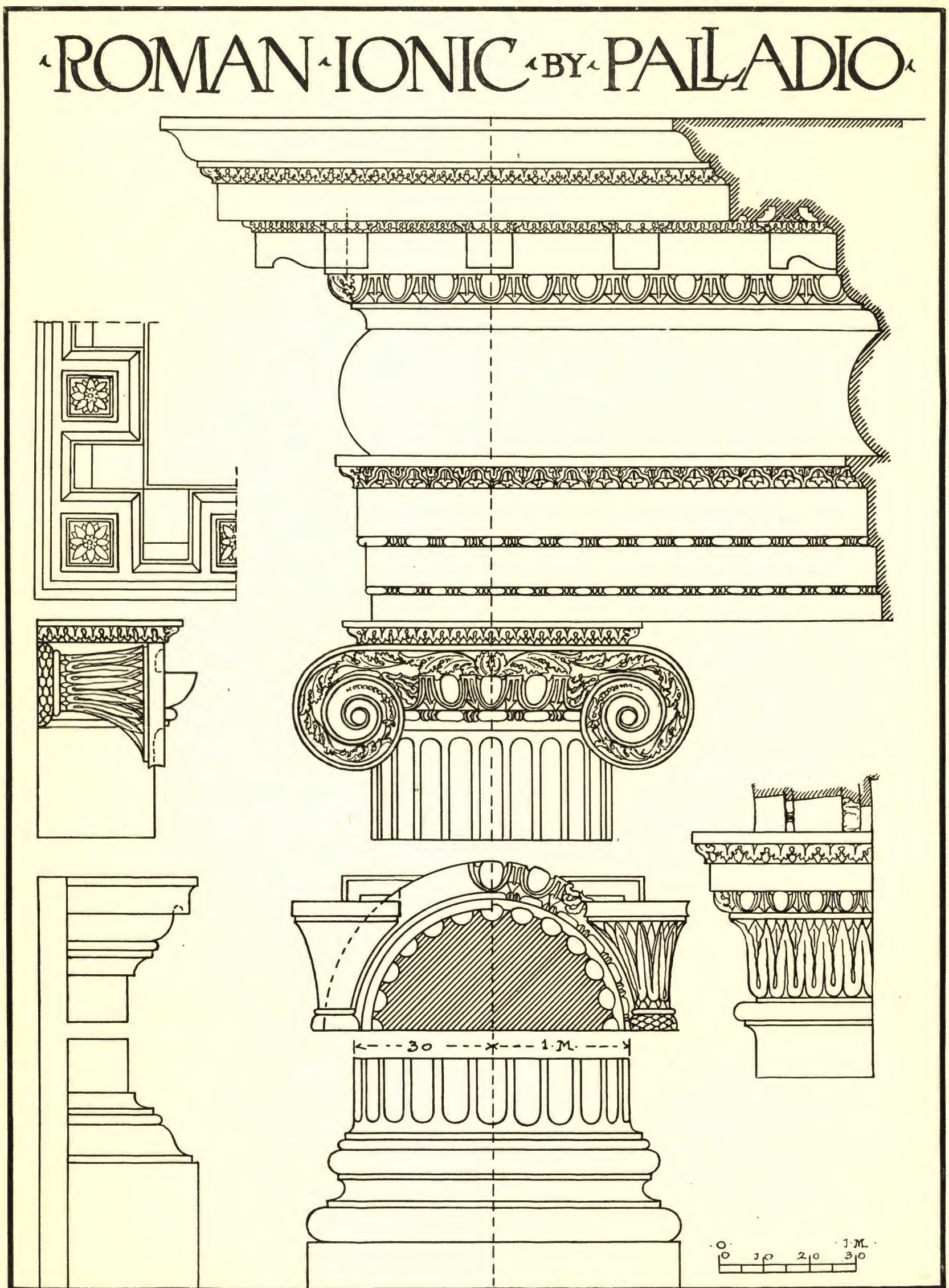


IMPOST



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ROMAN IONIC BY PALLADIO

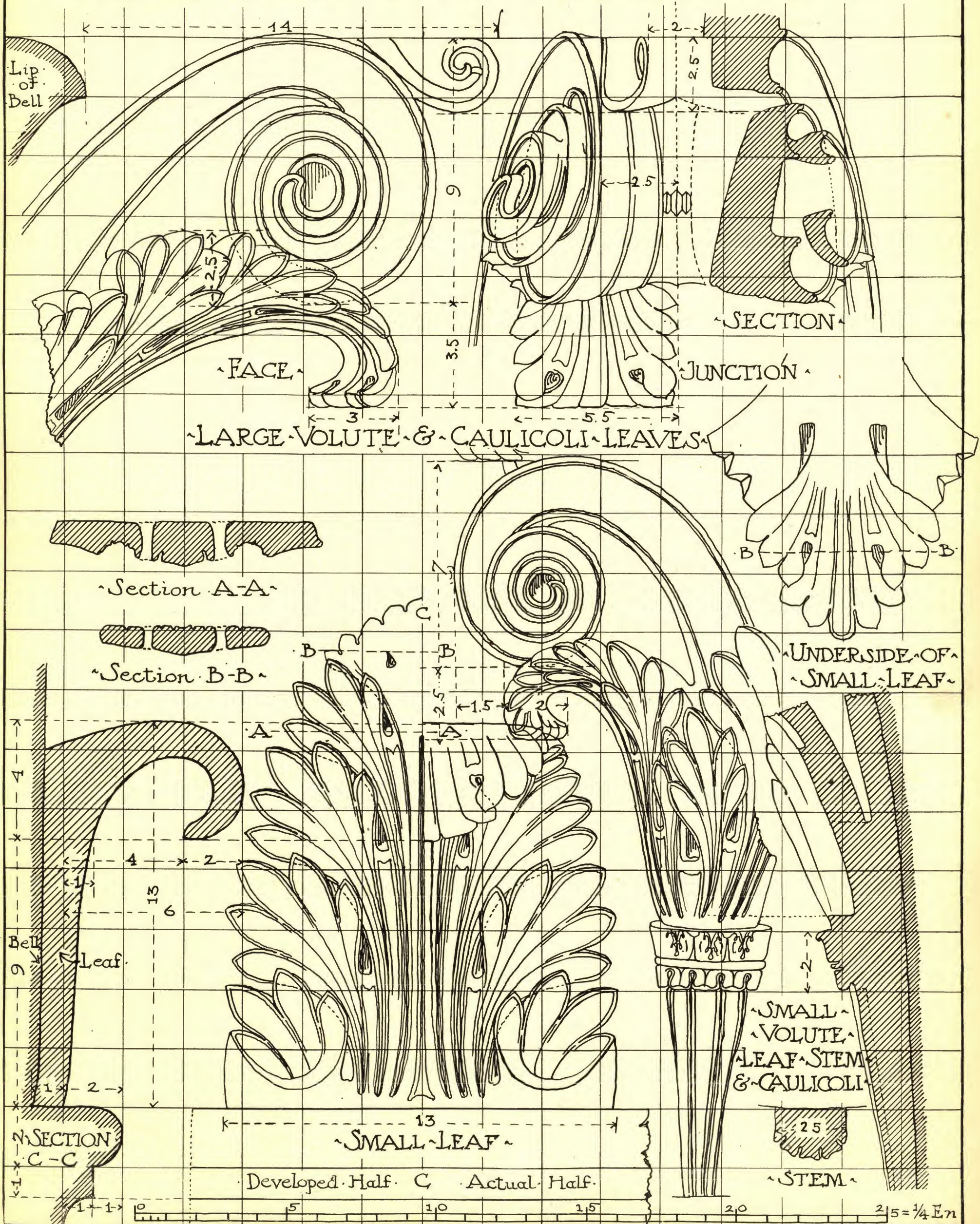


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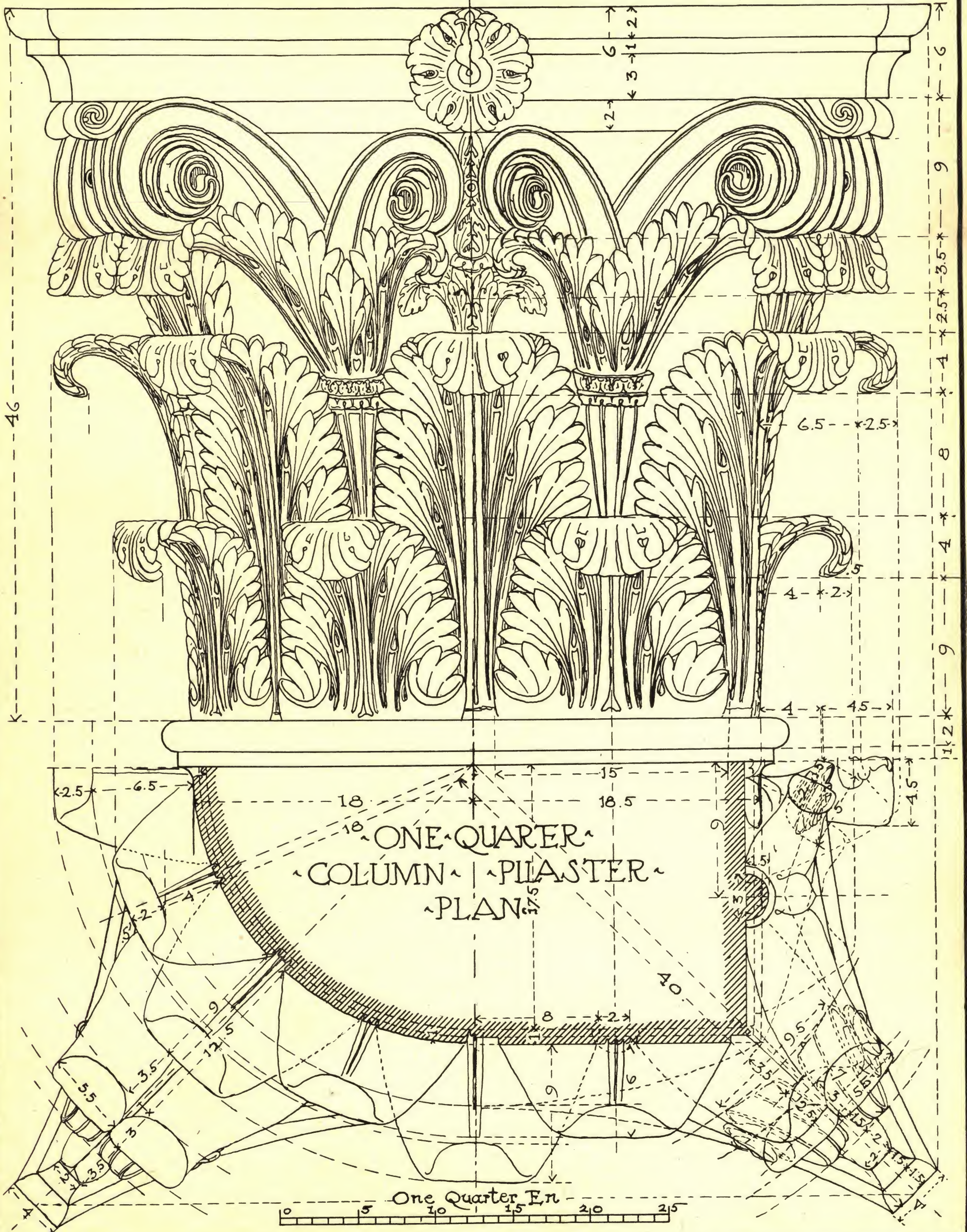
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DETAILS CORINTHIAN CAP



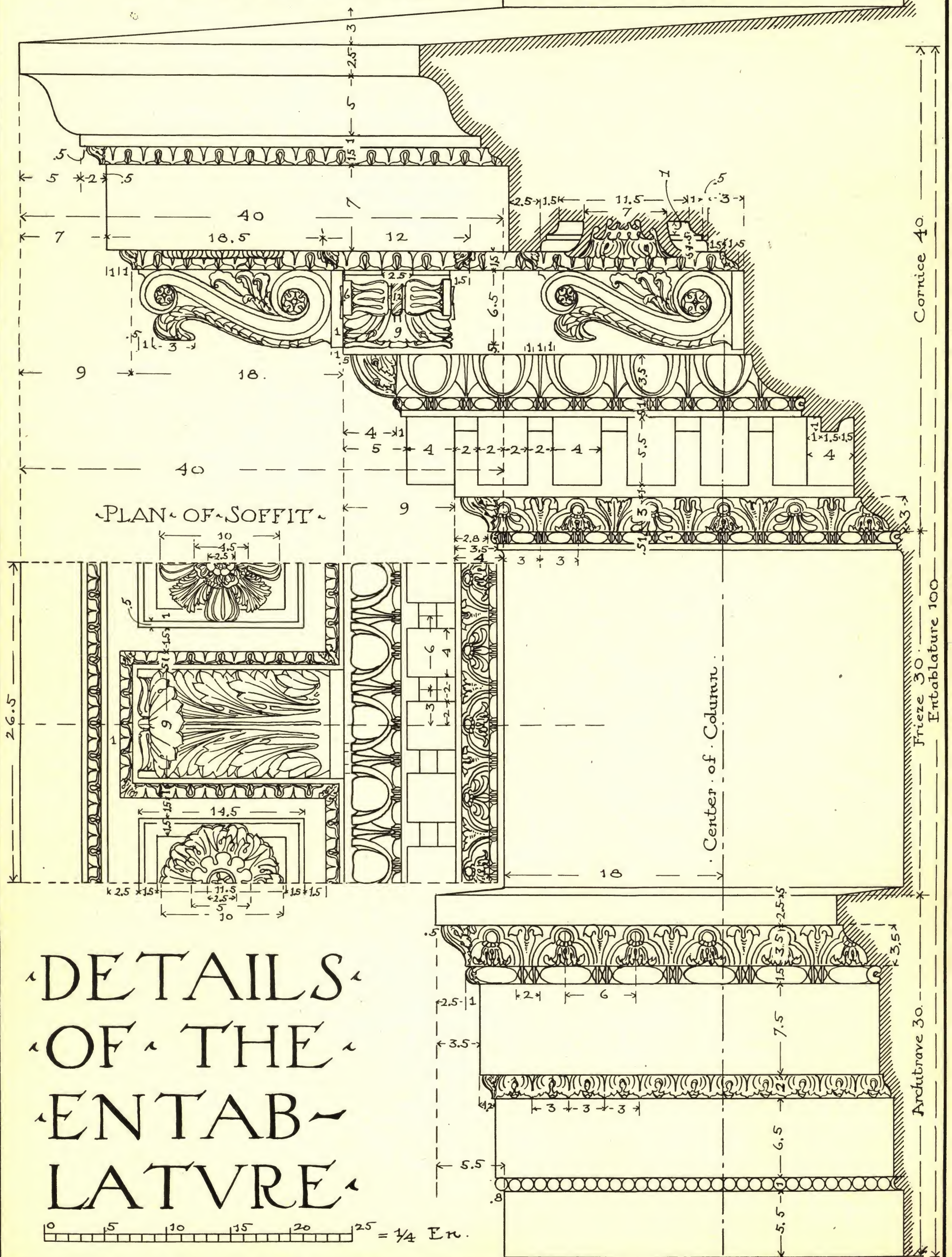
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CORINTHIAN CAPITAL



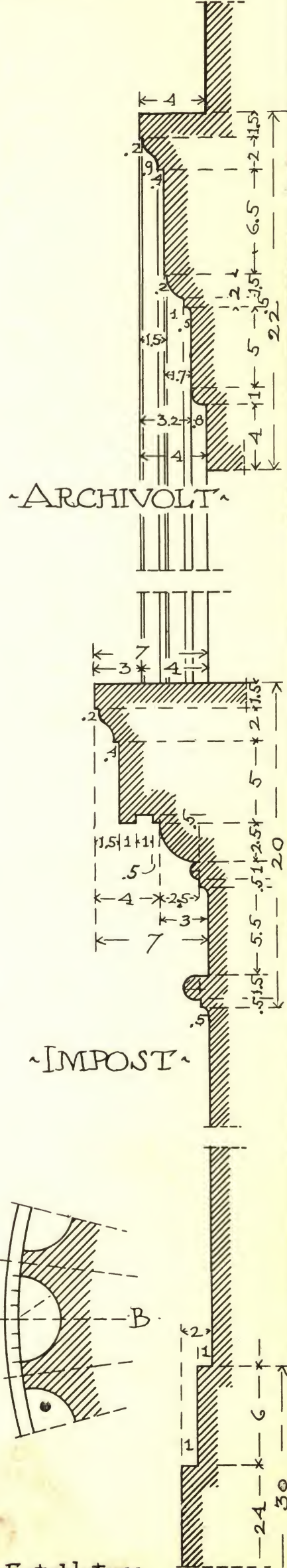
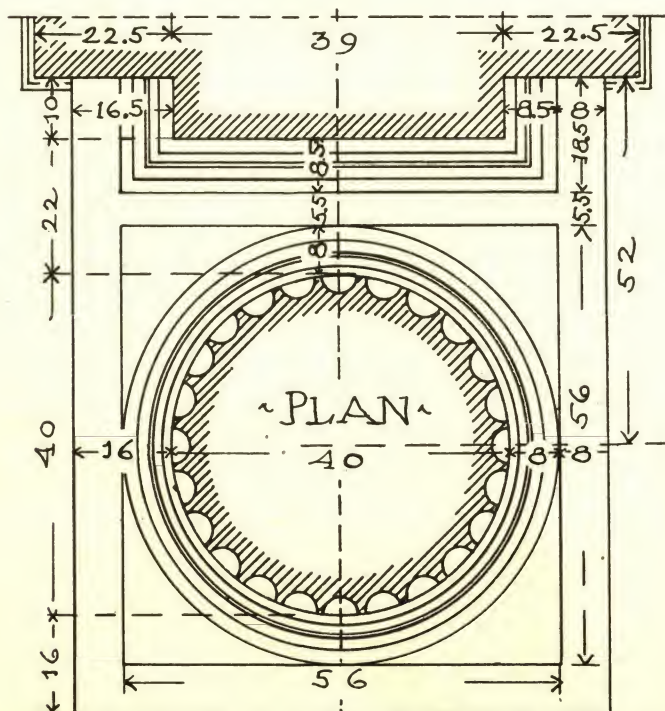
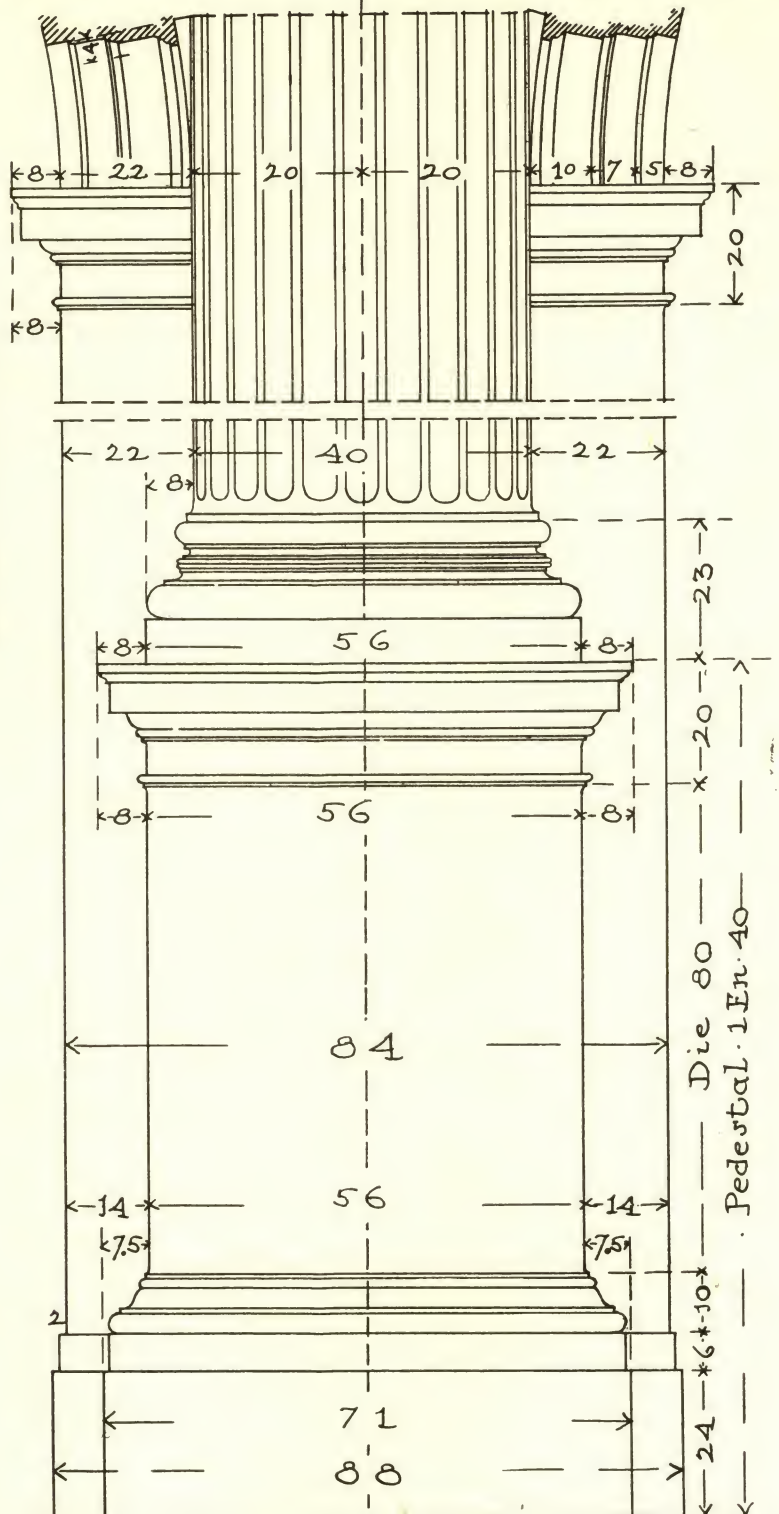
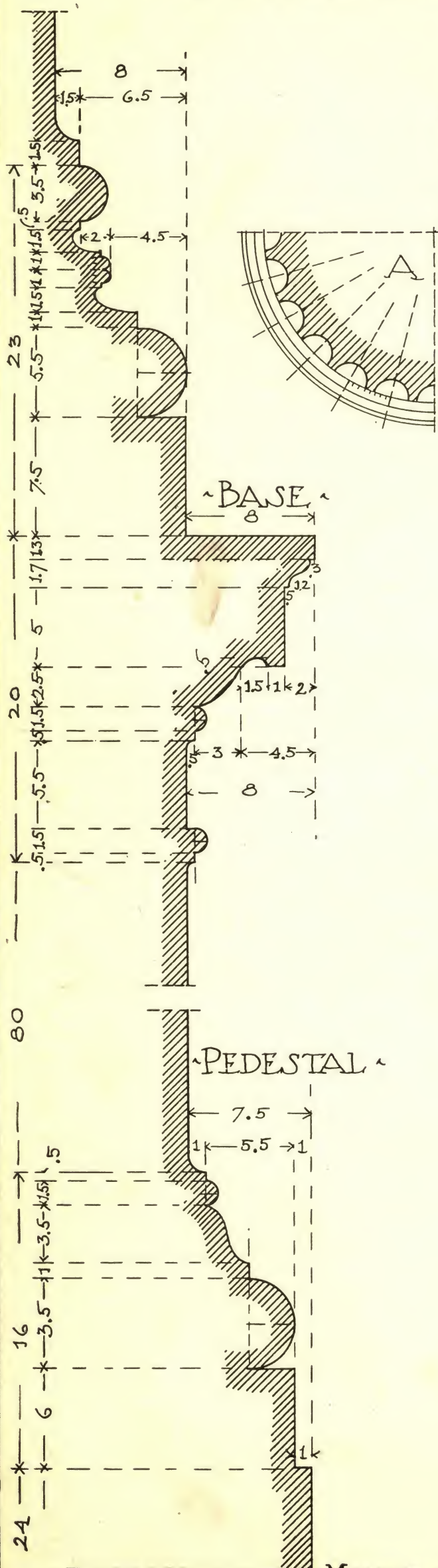
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CORINTHIAN ORDER



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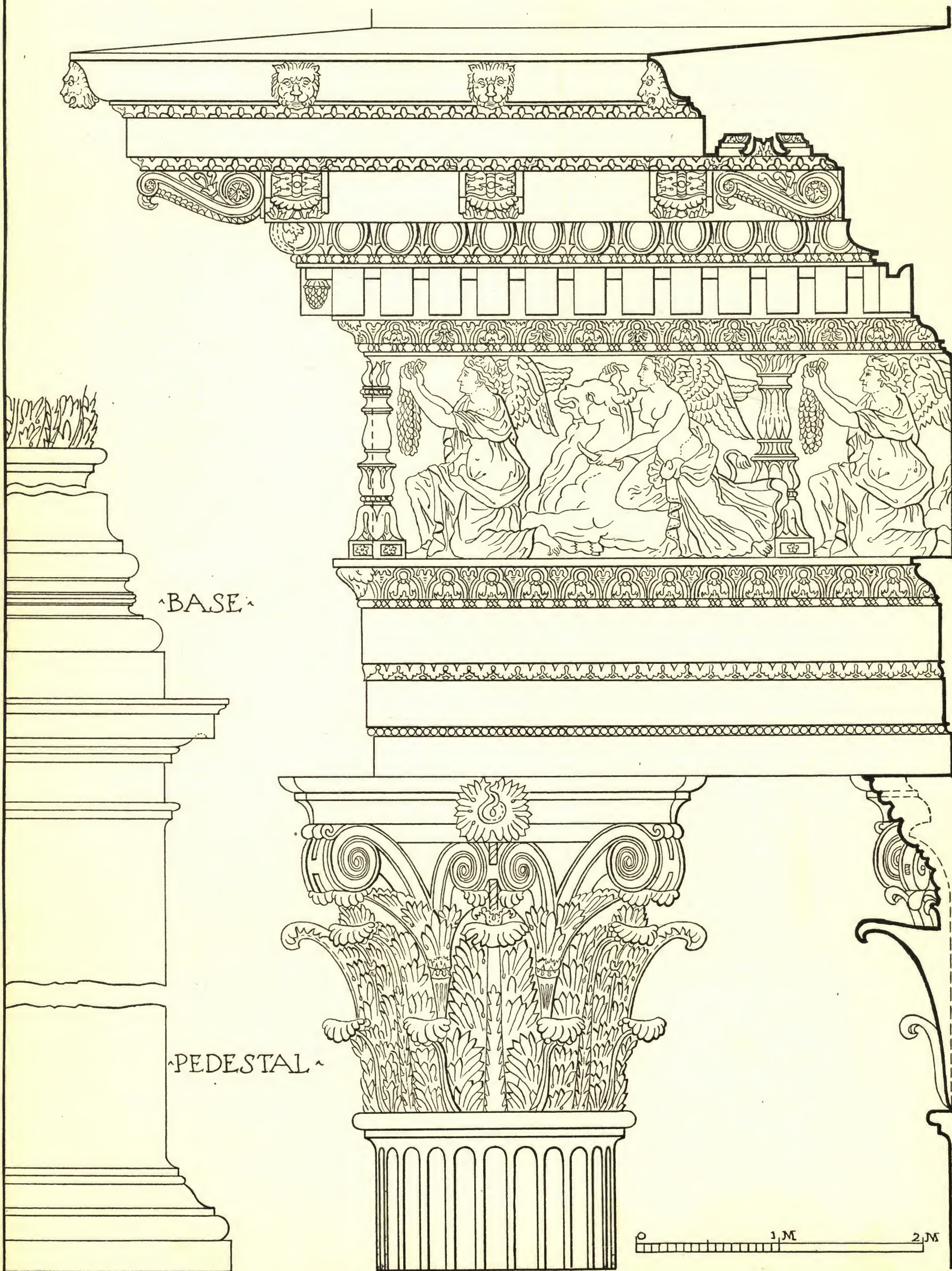
CORINTHIAN DETAILS



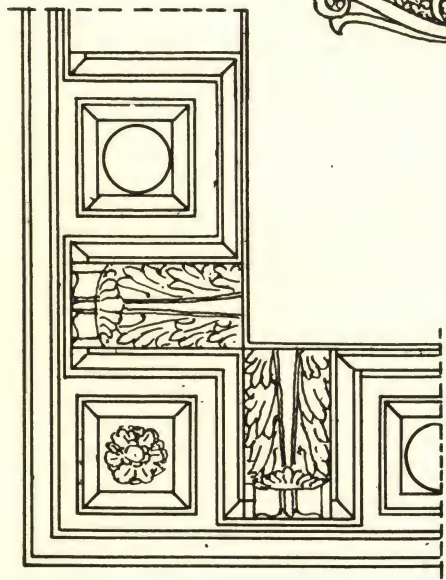
PEDESTAL & IMPOST

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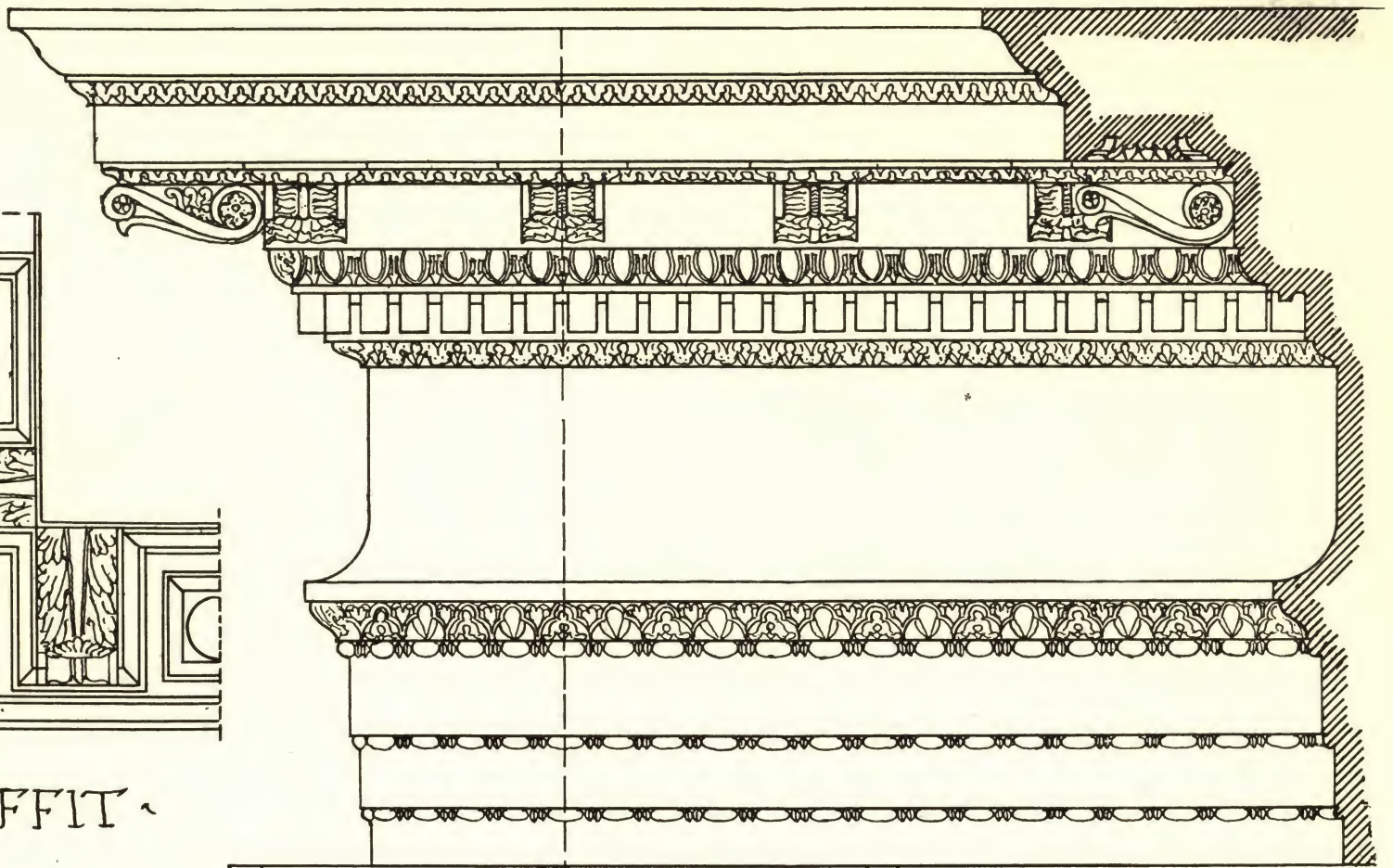
ROMAN CORINTHIAN ORDER



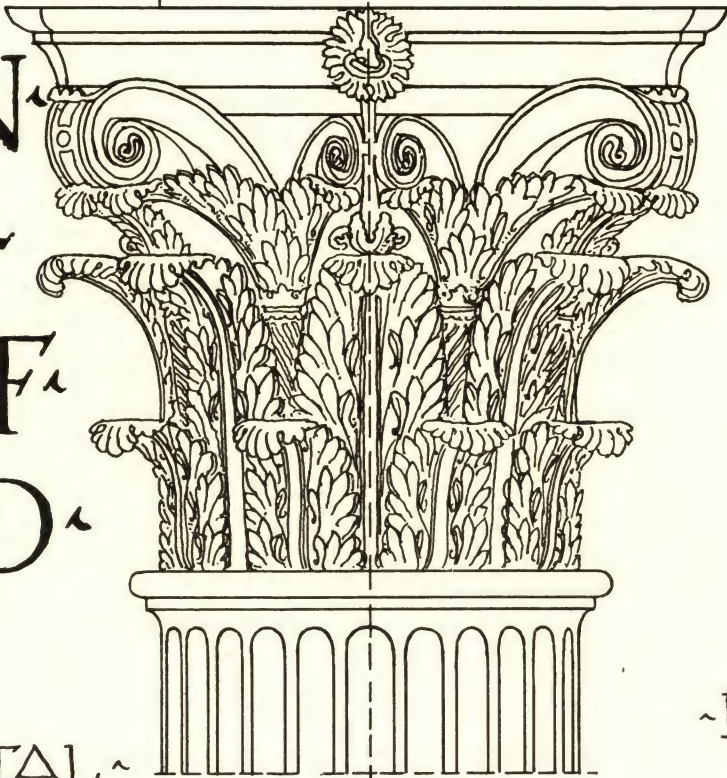
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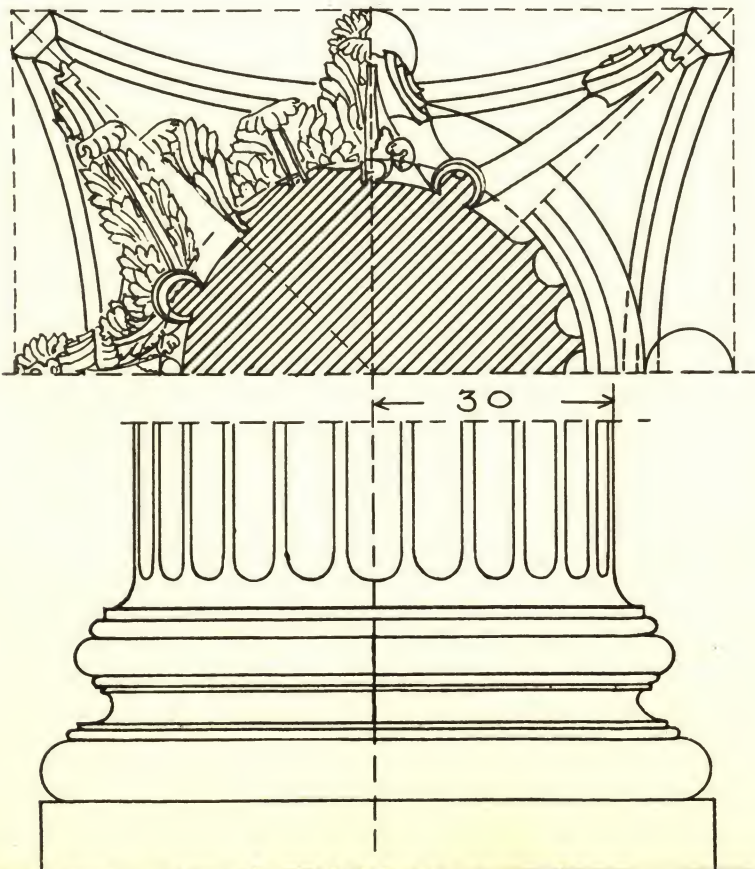
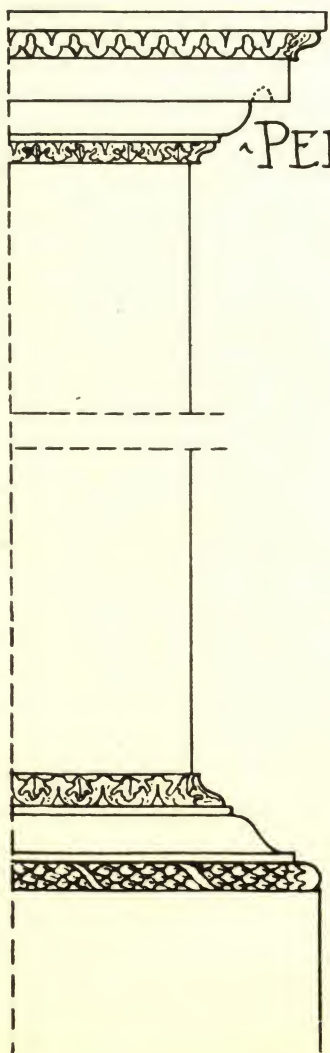
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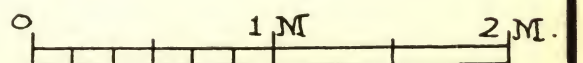
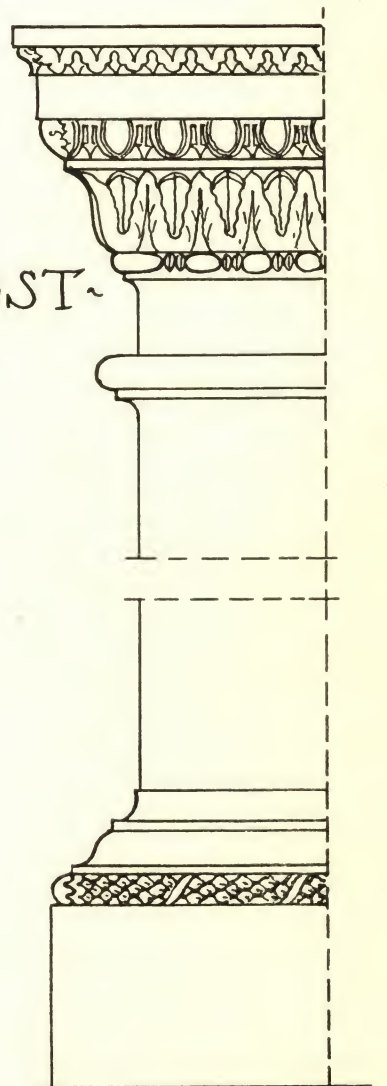
ROMAN
CORIN-
THIAN OF
PALLADIO



~PEDESTAL~

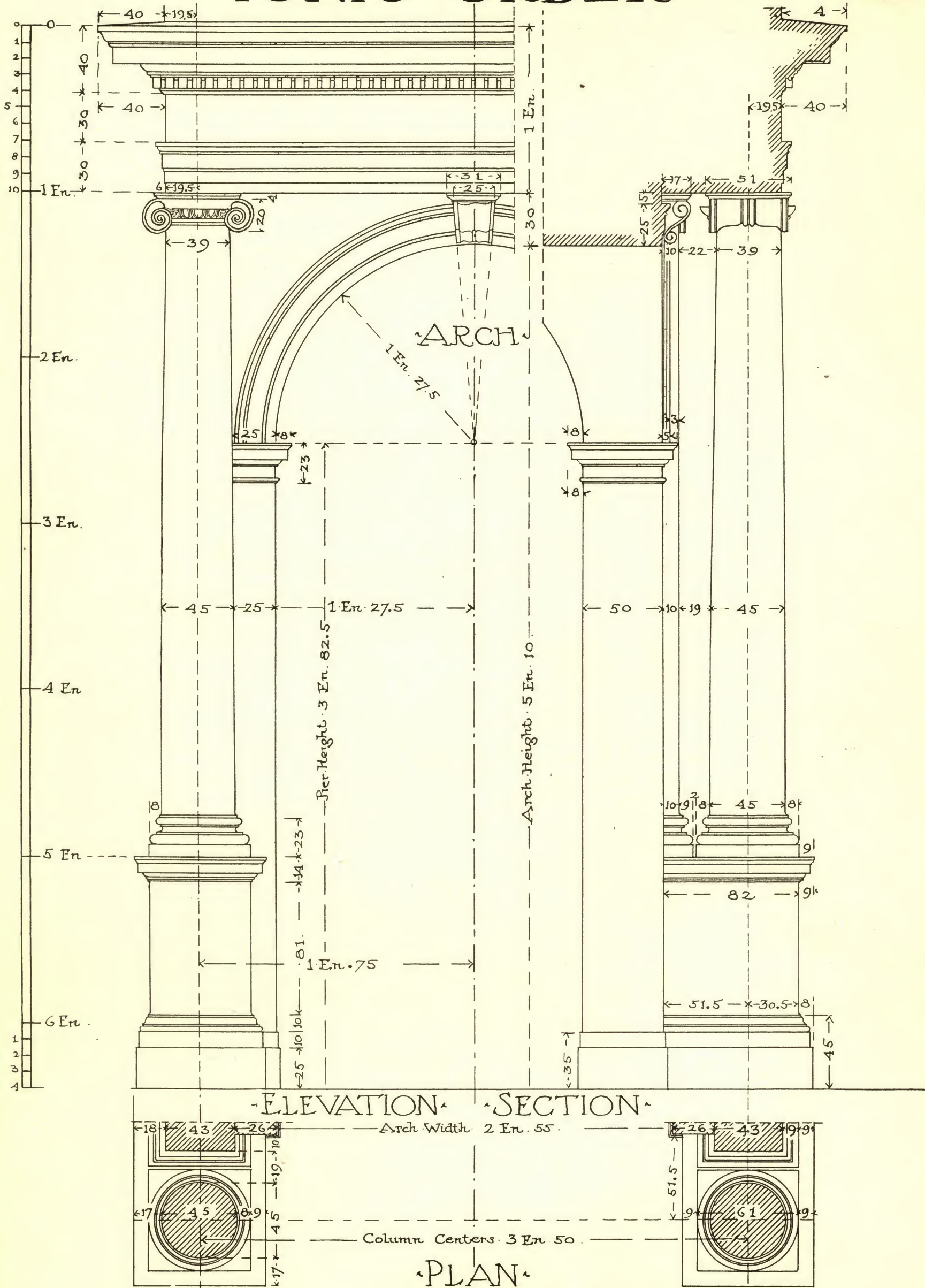


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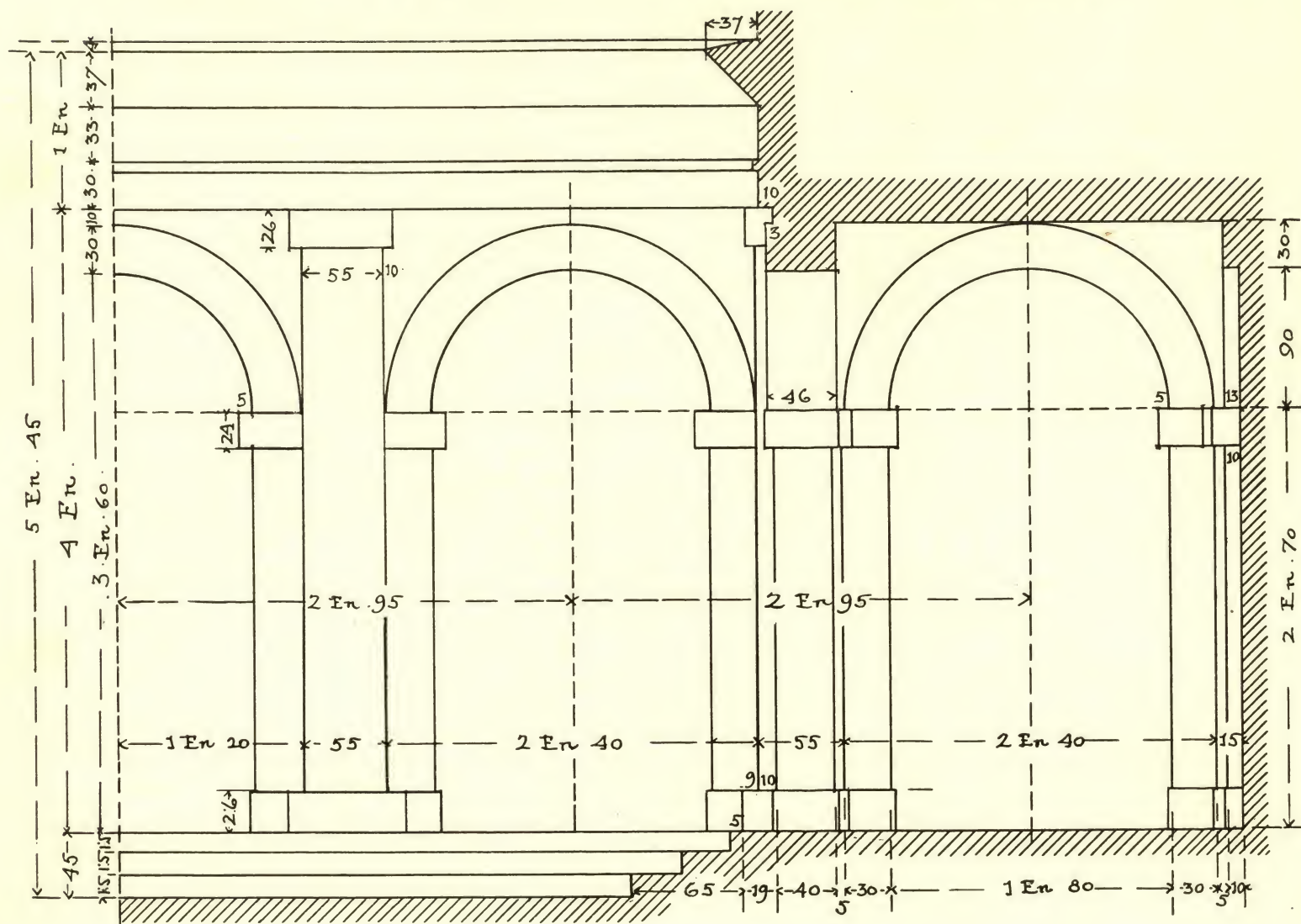
IONIC ORDER



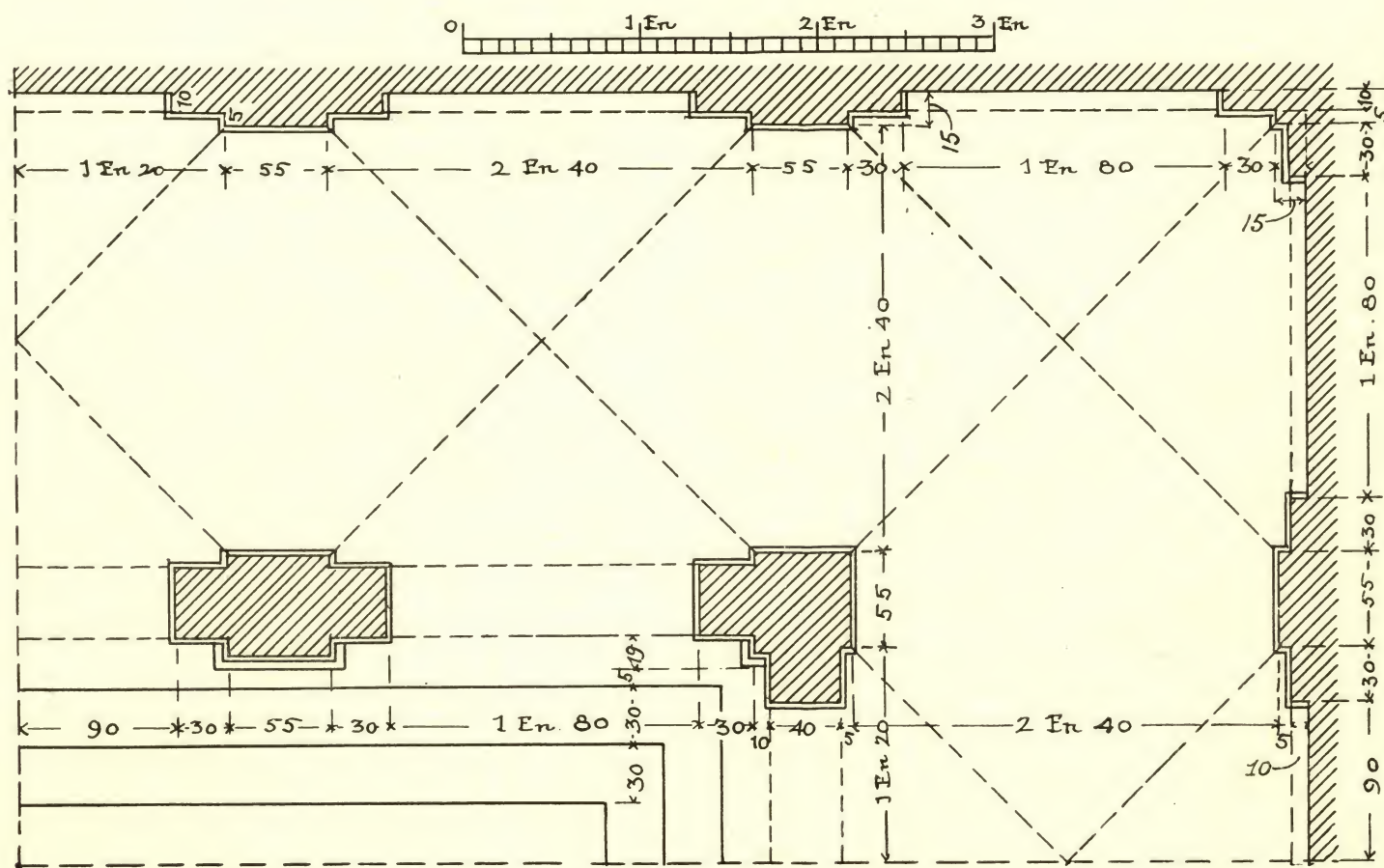
ARCHED DOORWAY

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TVSCAN ORDER



ELEVATION

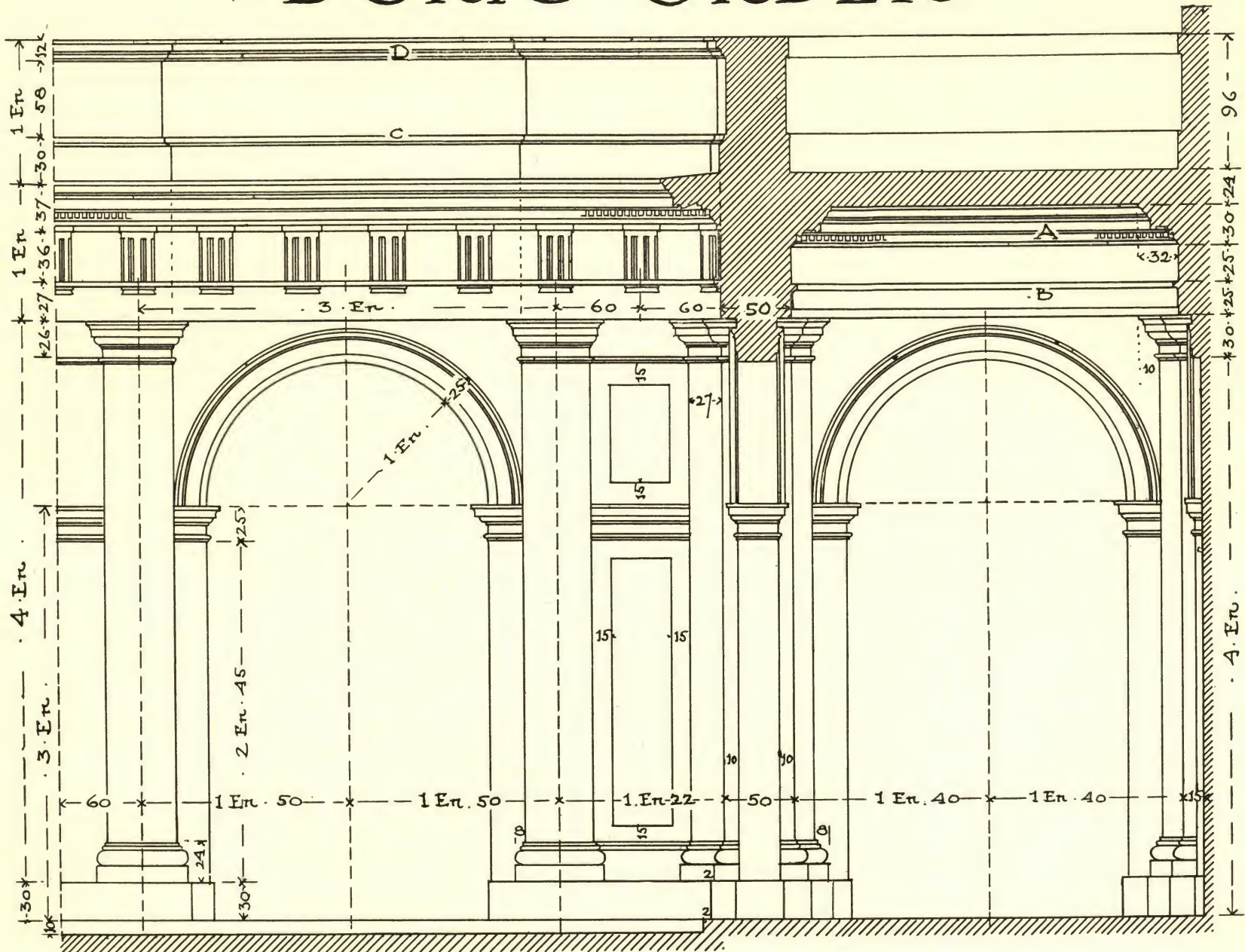


PLAN

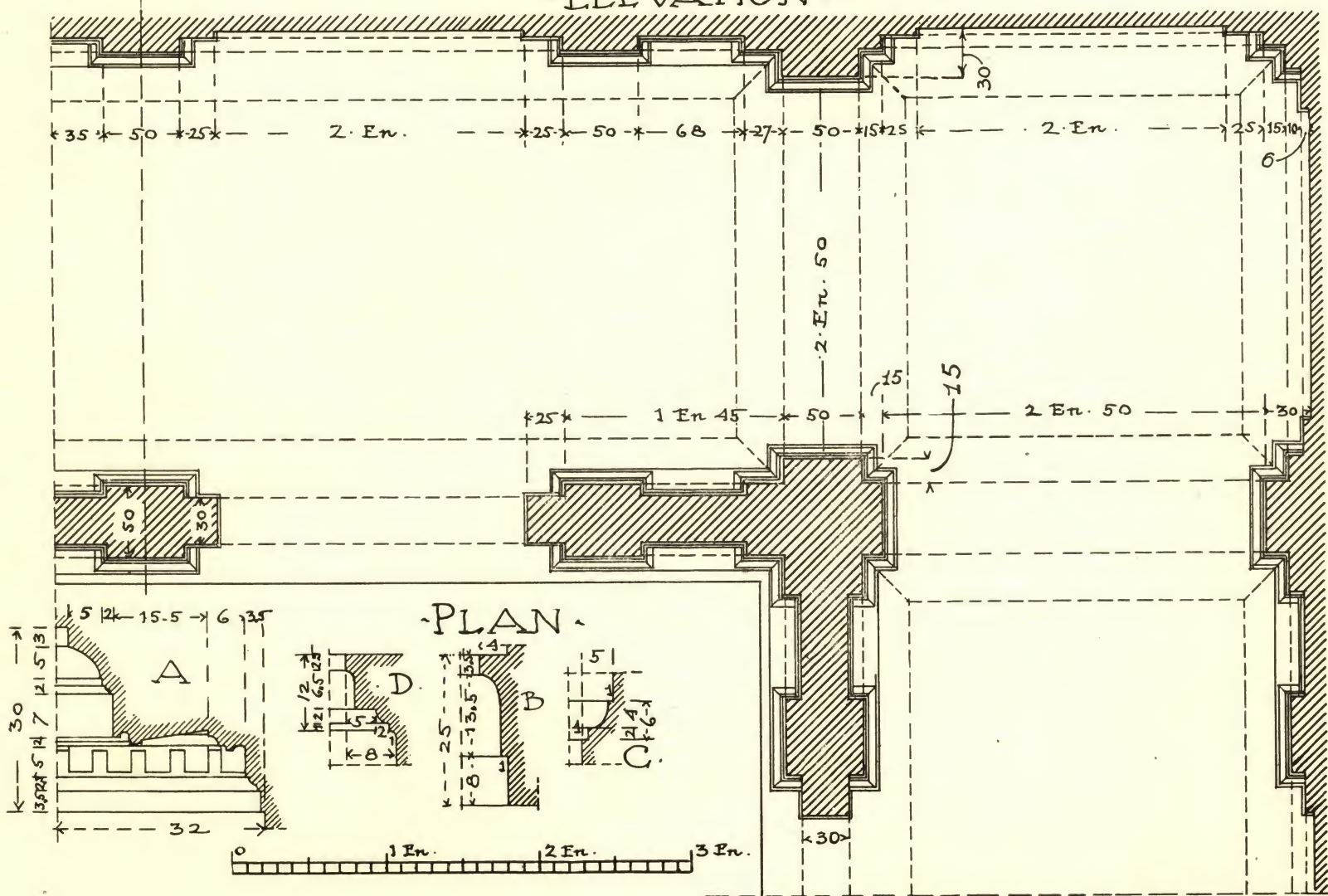
ARCADE

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DORIC ORDER



ELEVATION

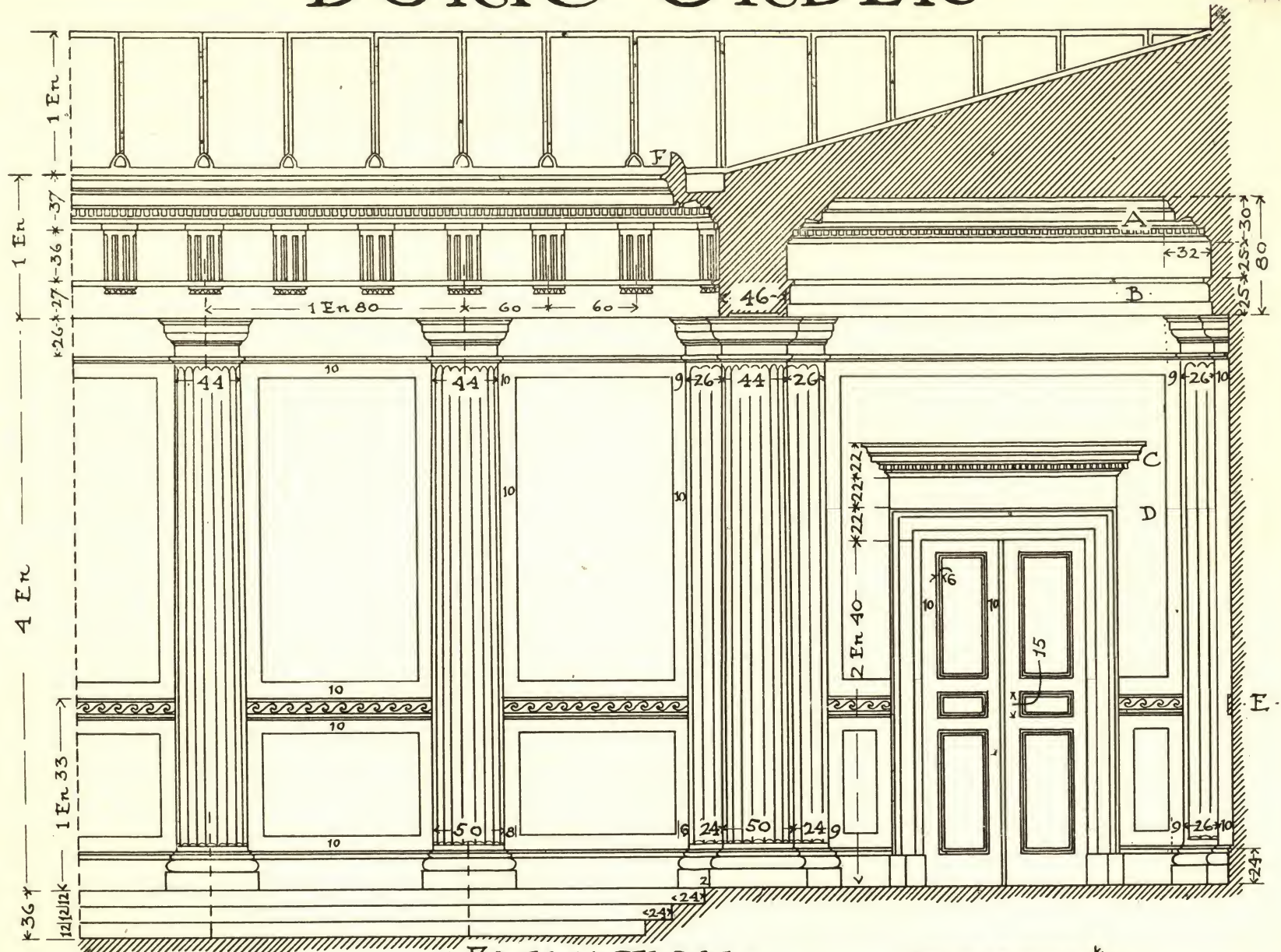


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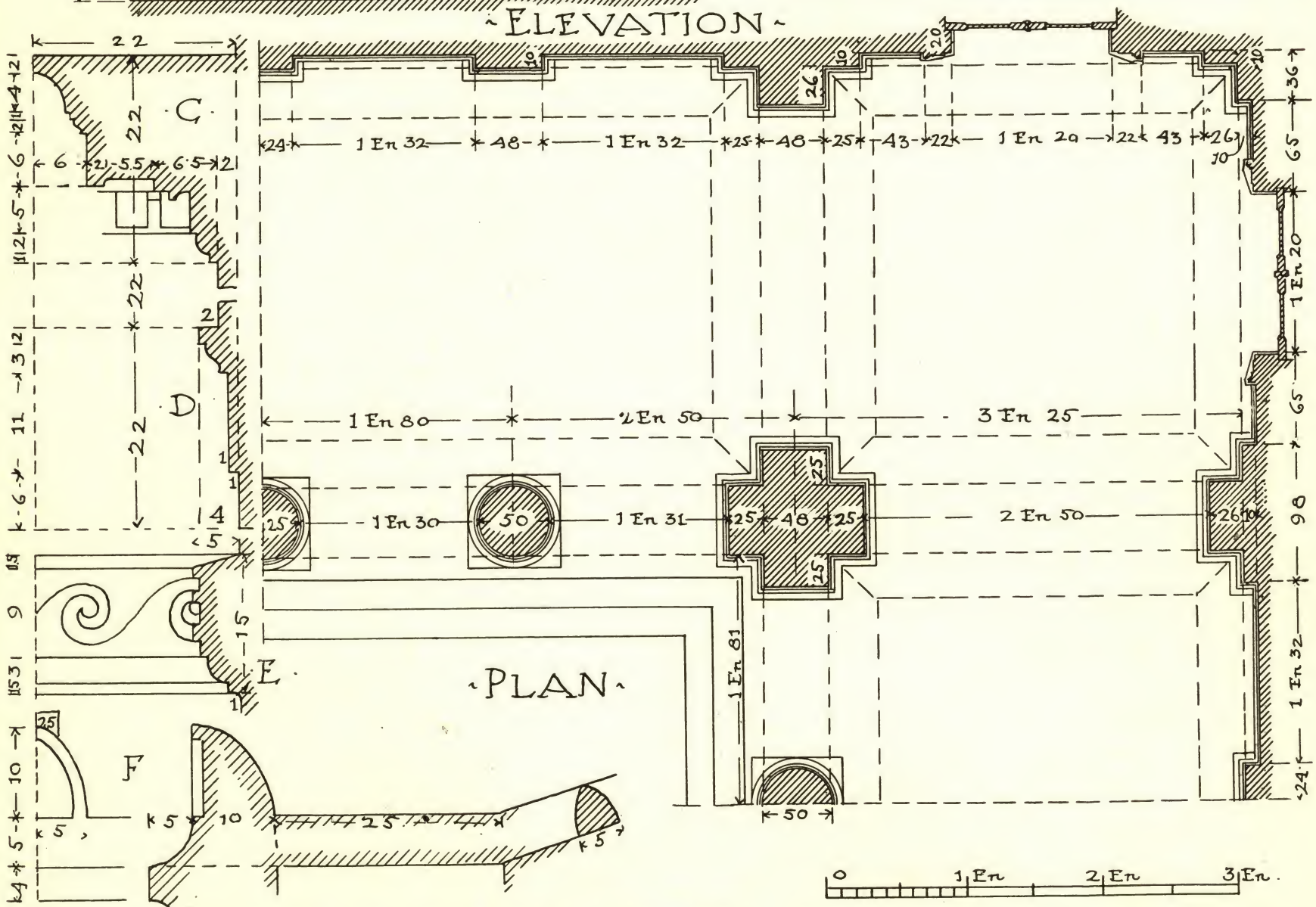
GALLERY WITH ARCHES

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DORIC ORDER



ELEVATION

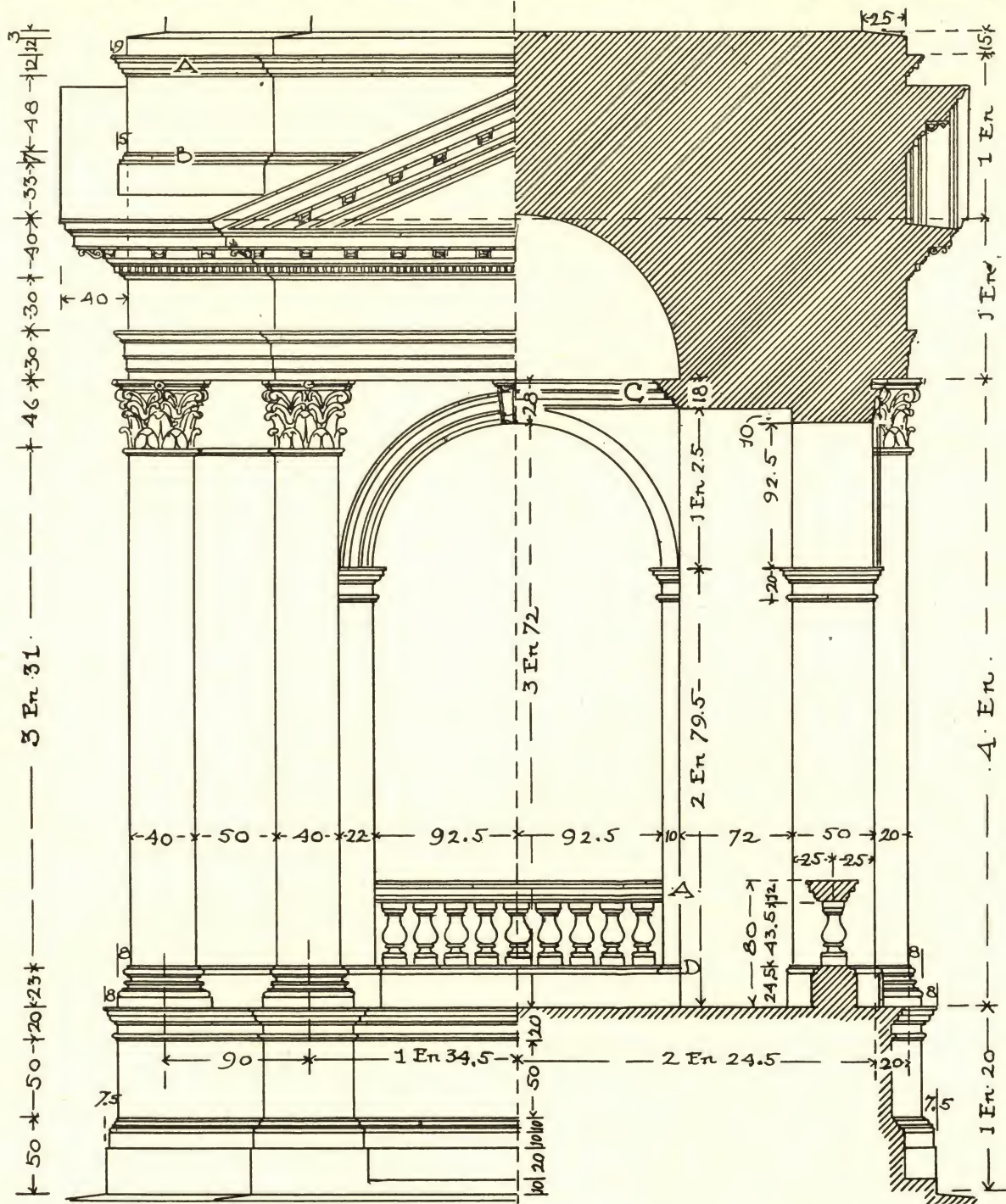


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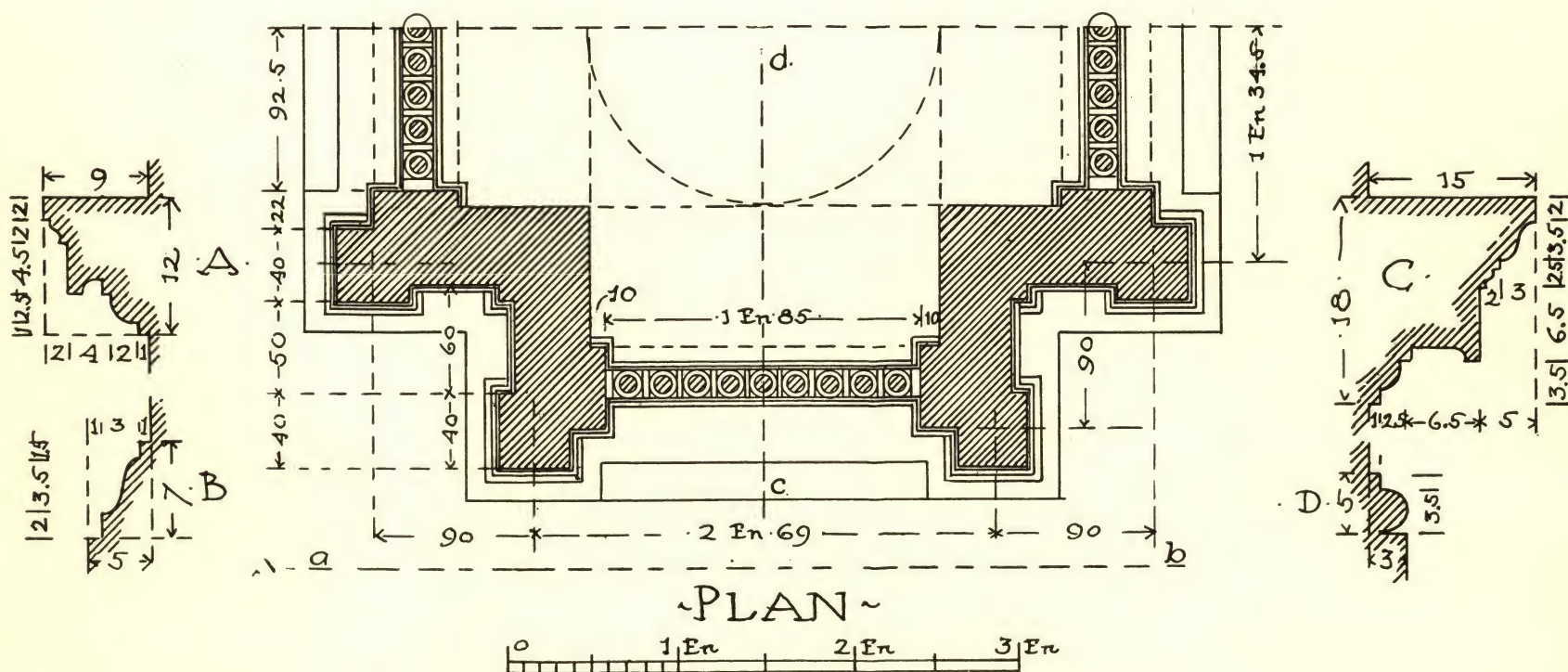
COLONNADED GALLERY

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CORINTHIAN ORDER



ELEVATION A-B SECTION C-D

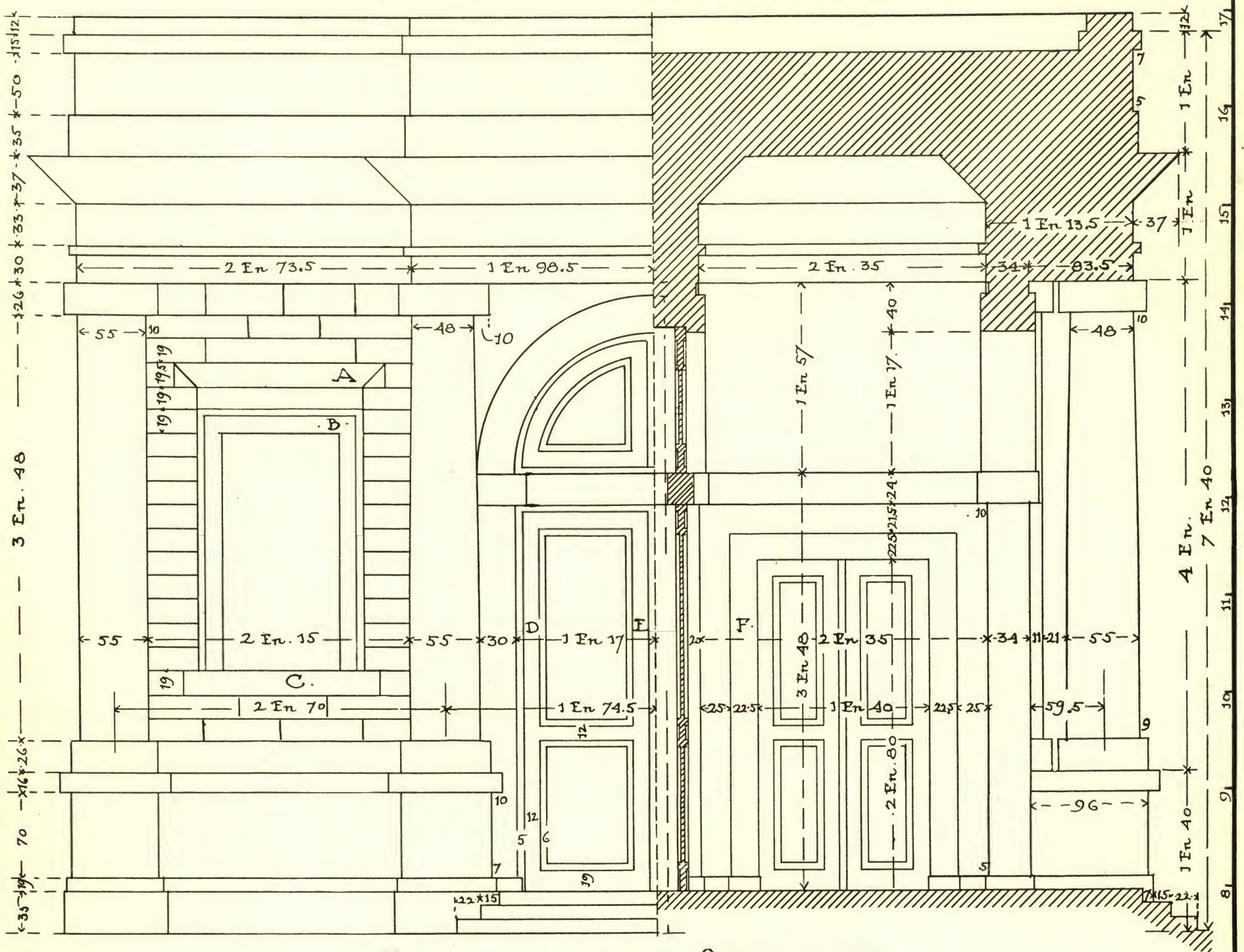


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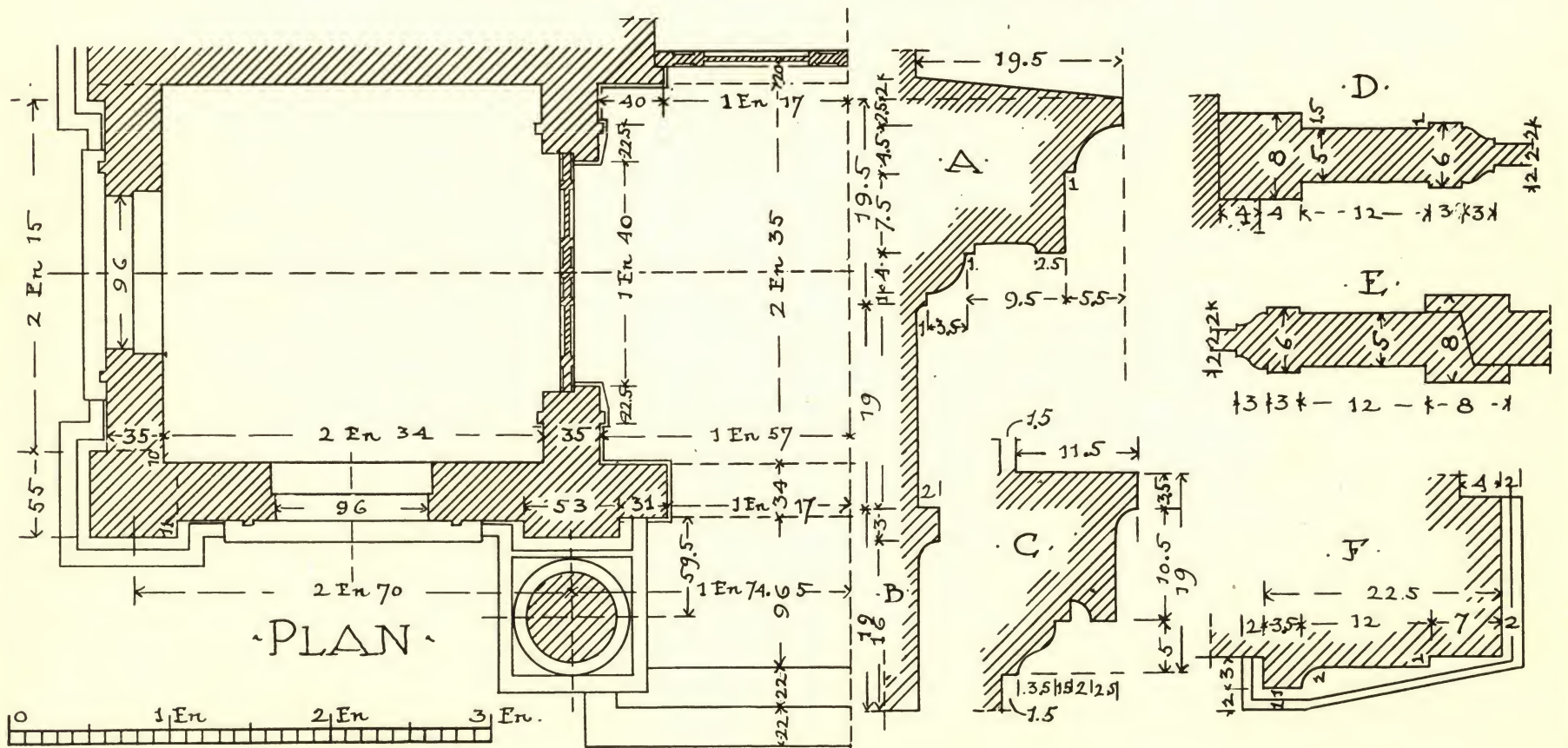
CAMPANILE

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TVSCAN ORDER



ELEVATION SECTION

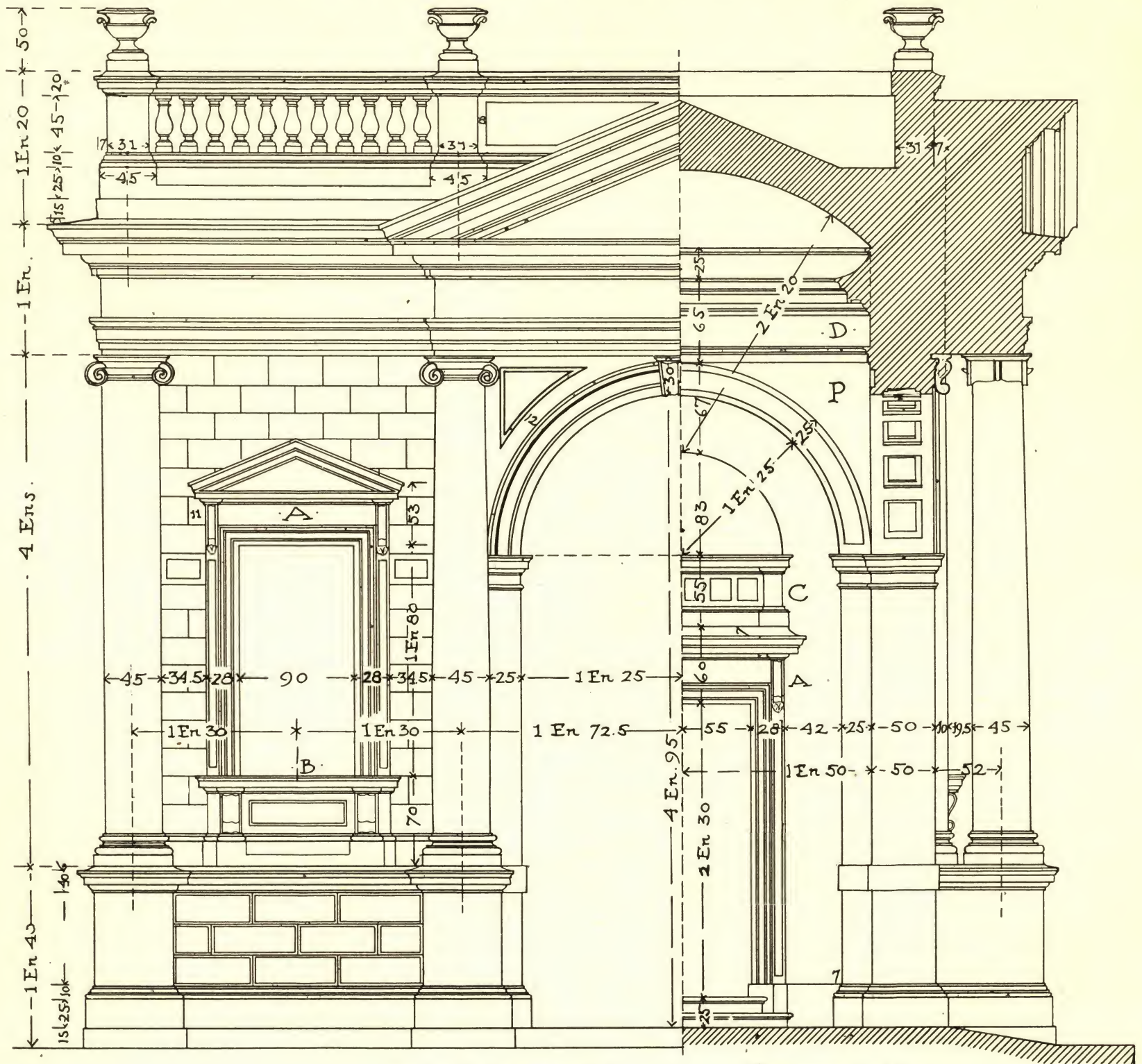


PLAN

GVARD-HOVSE

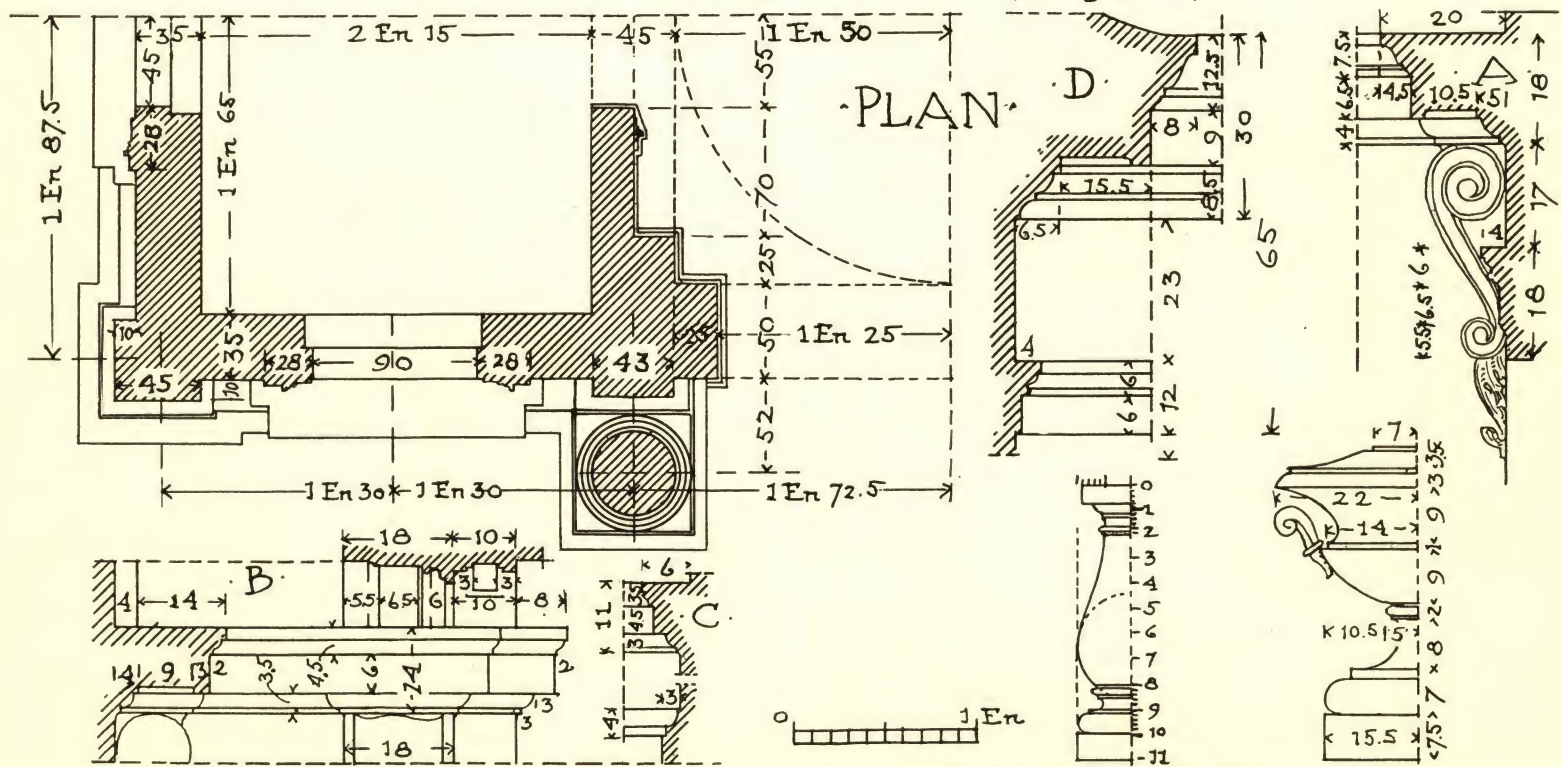
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IONIC ORDER



ELEVATION

SECTION



PLAN

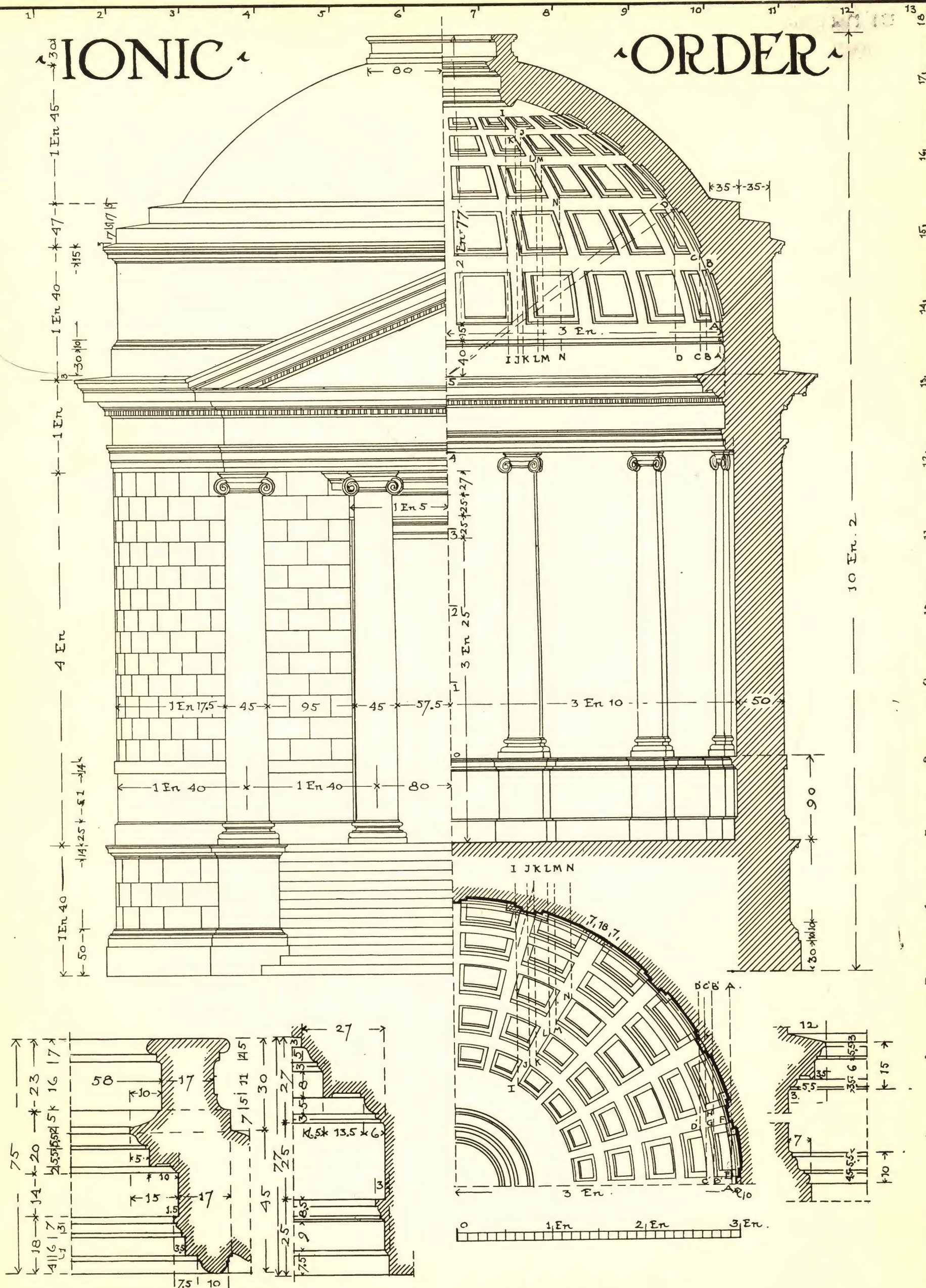
ENTRANCE MOTIVE

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‘CHAPEL’

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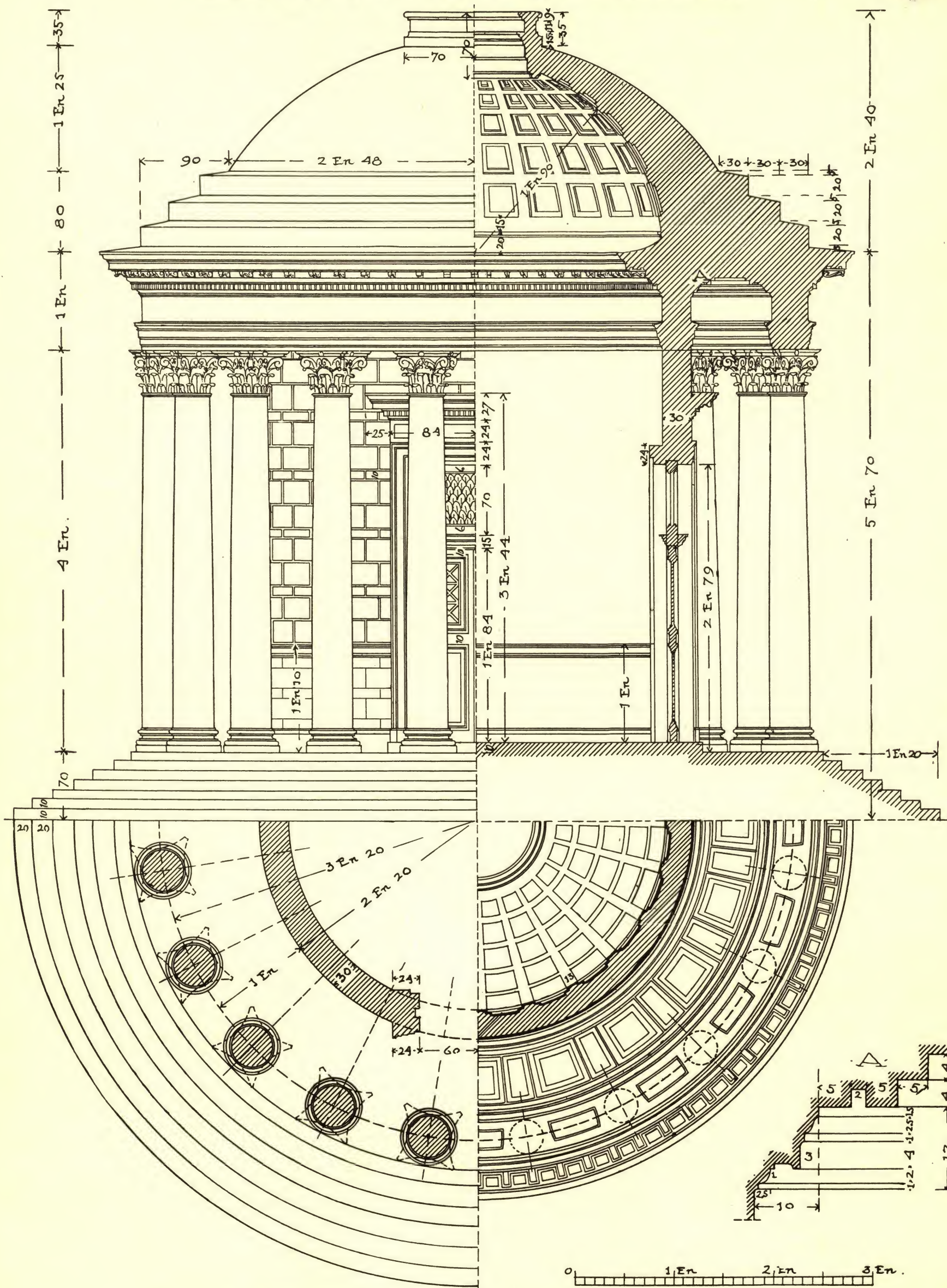
ORDER



ROUND TEMPLE

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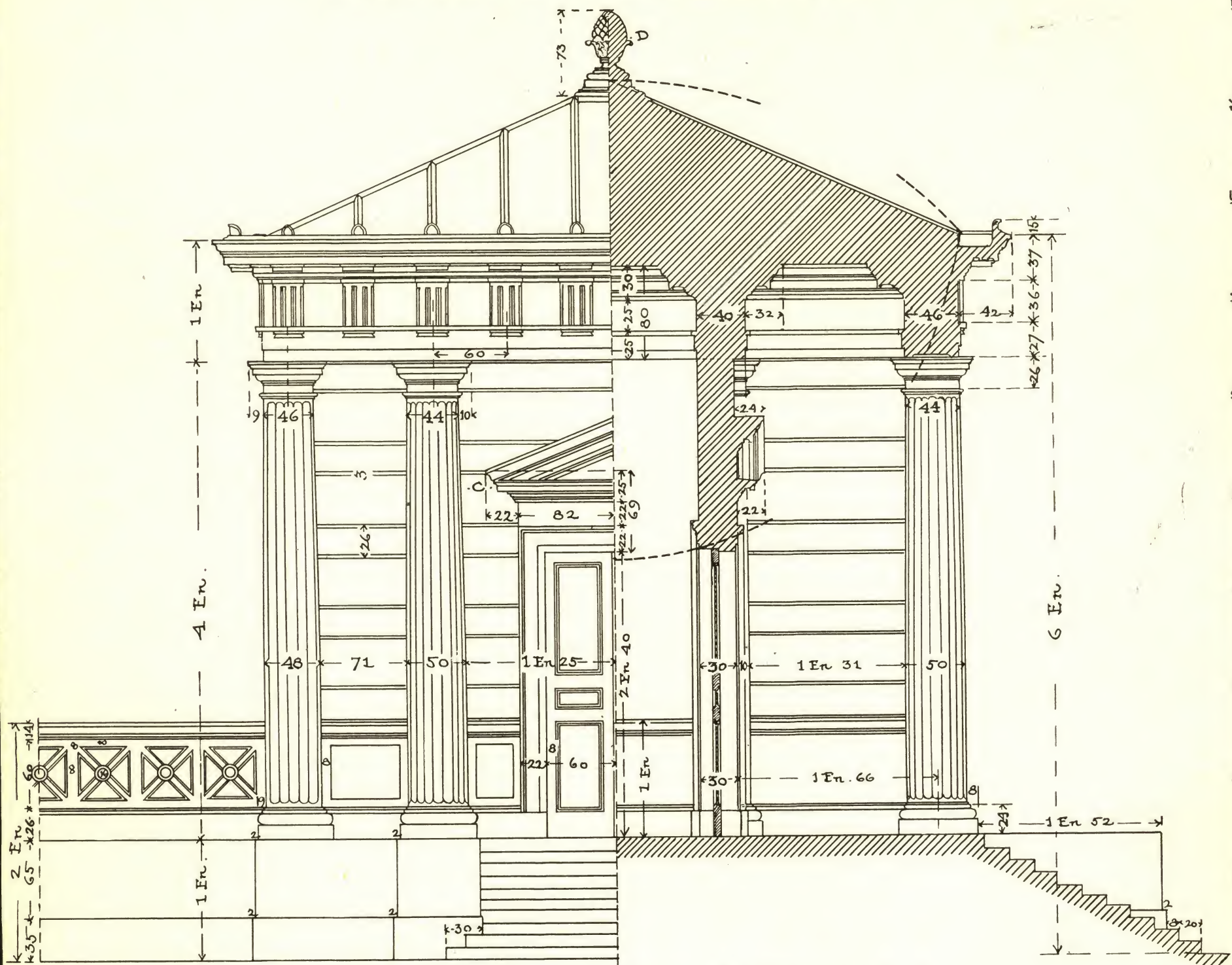
CORINTHIAN ORDER



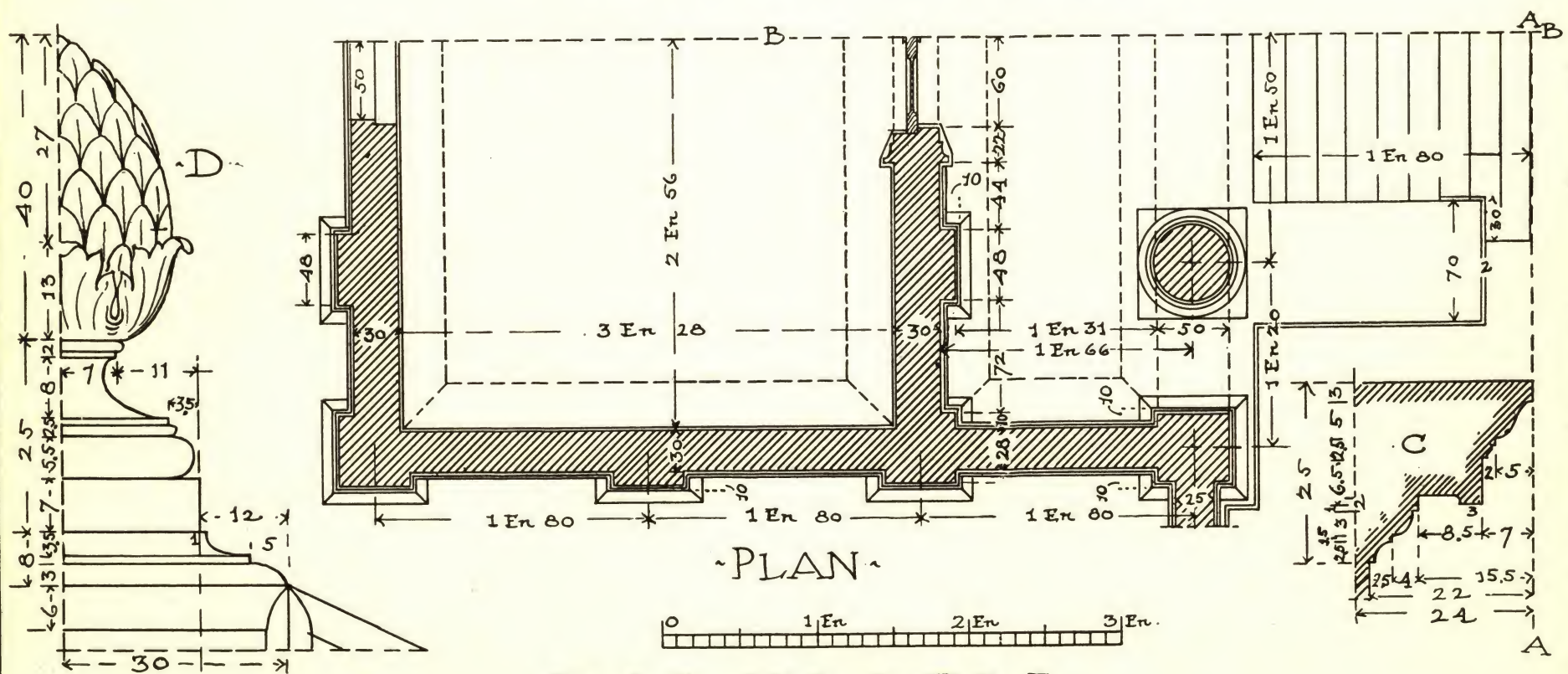
CIRCULAR TEMPLE

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DORIC ORDER



ELEVATION A-A SECTION B-B

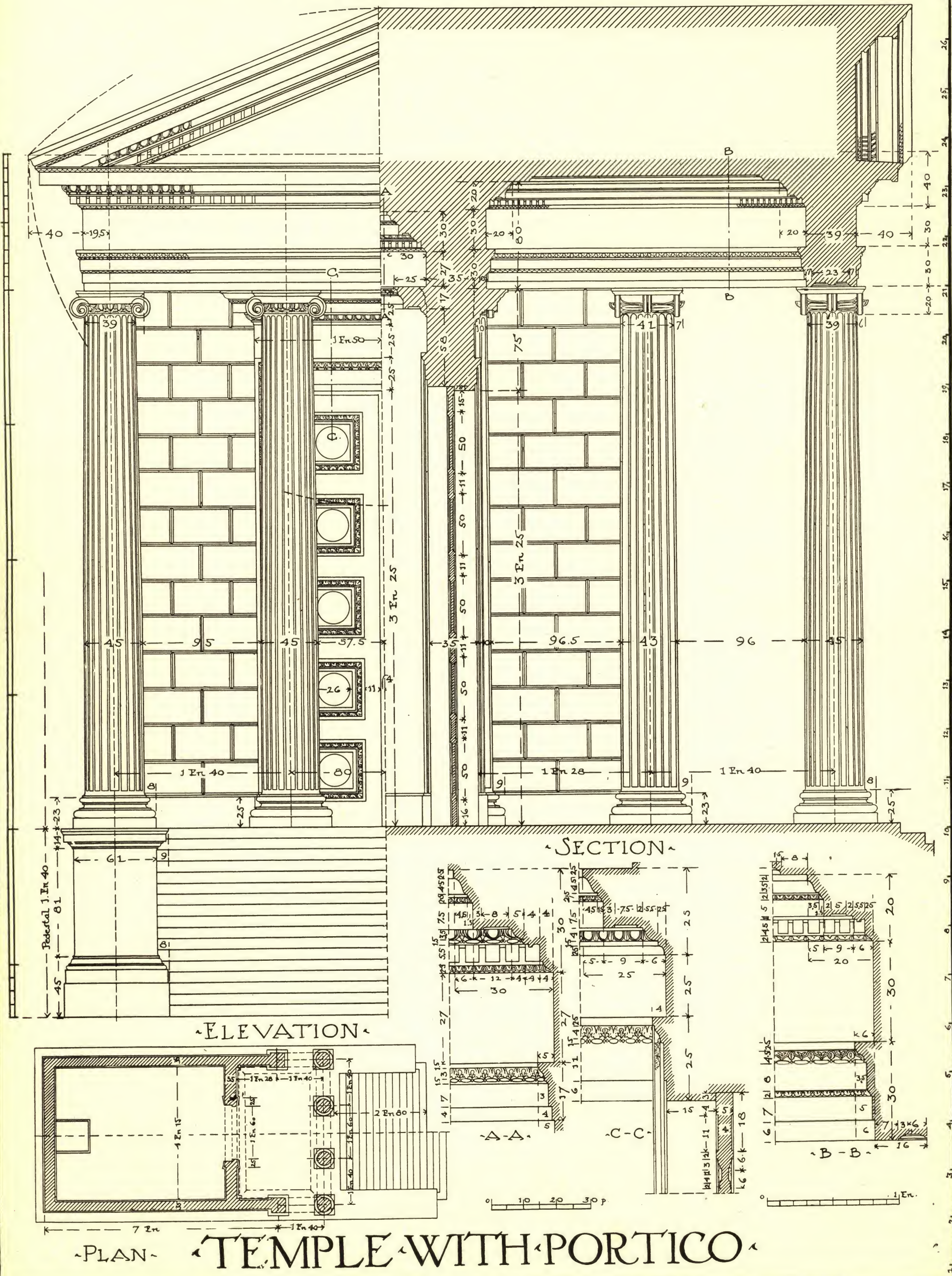


PLAN

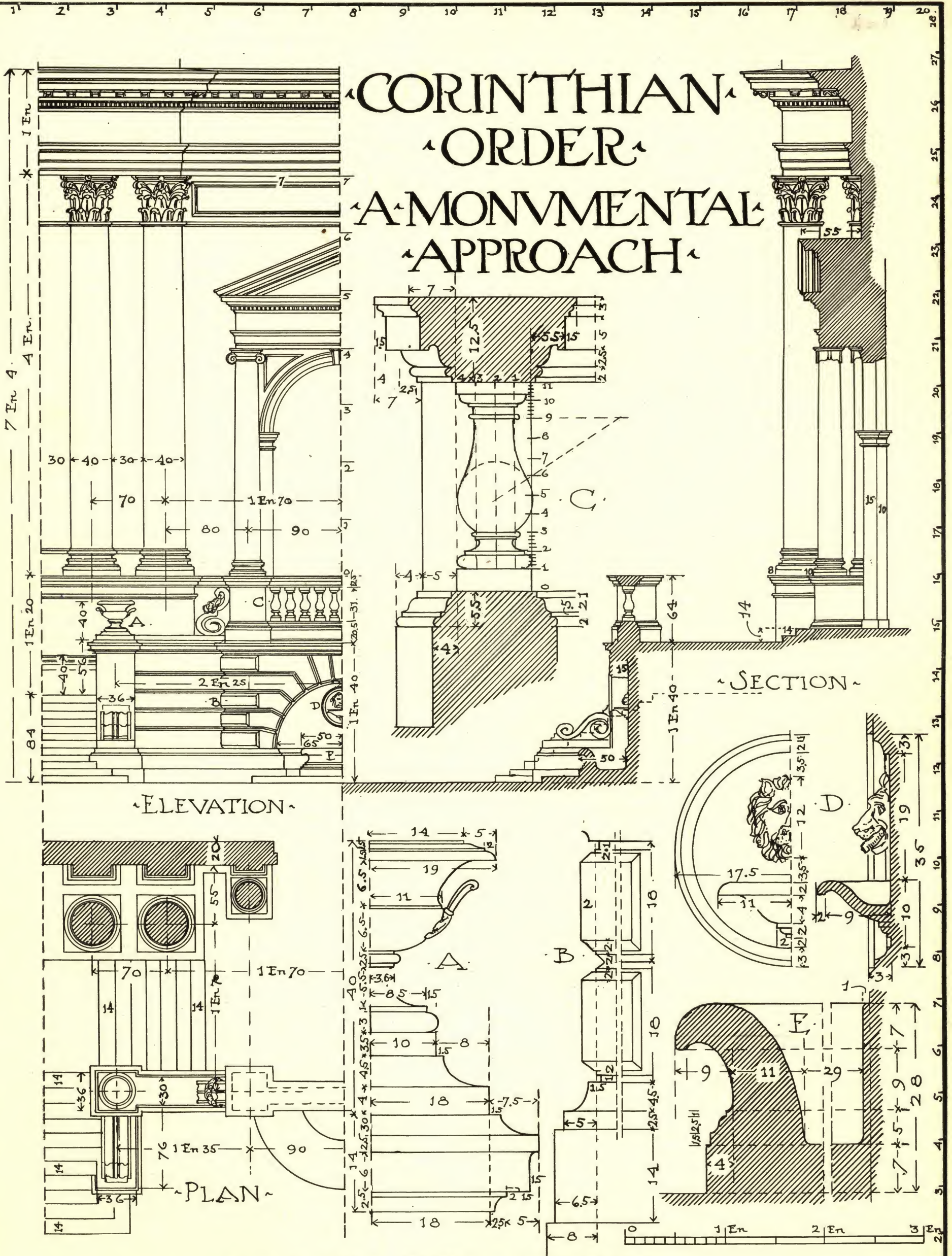
PAVILION

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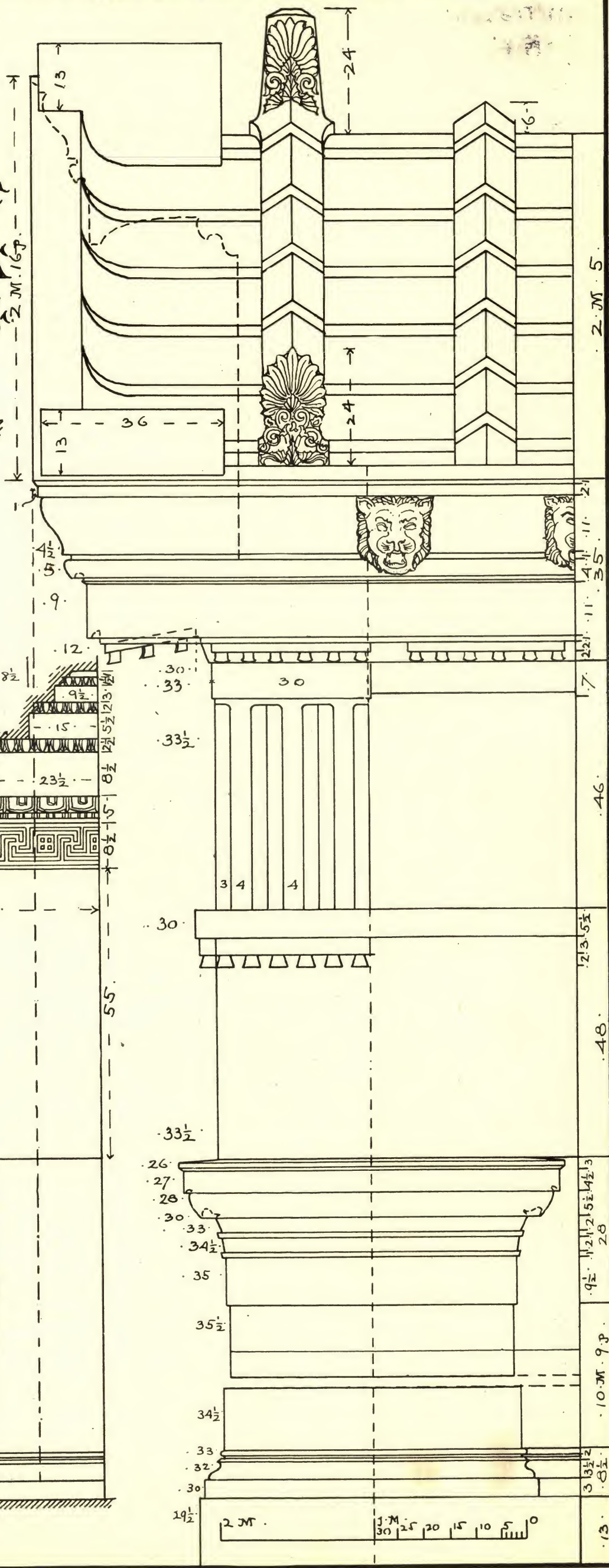
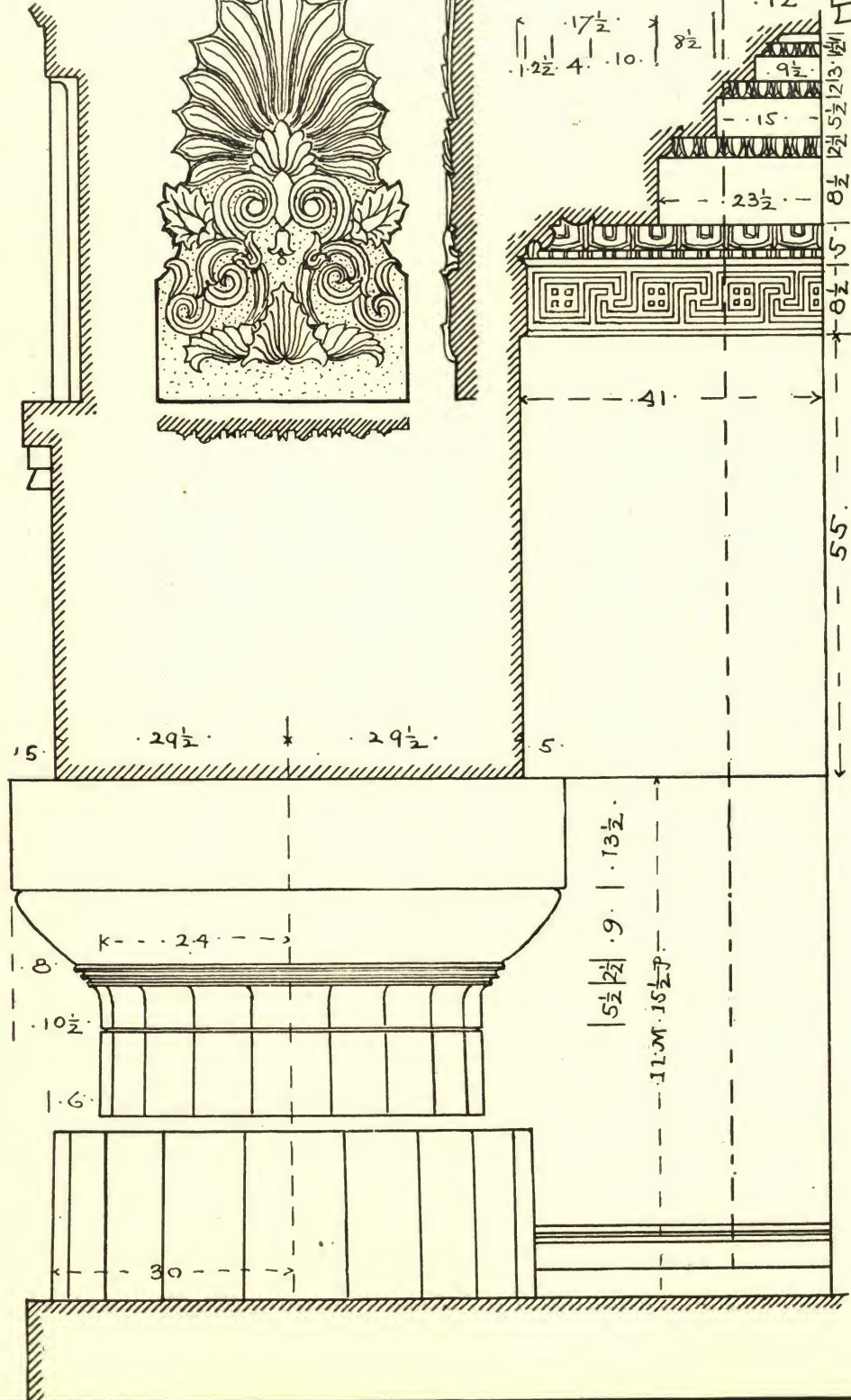
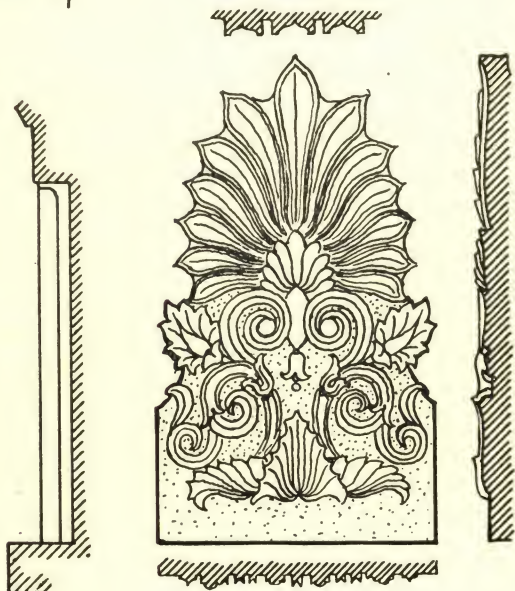
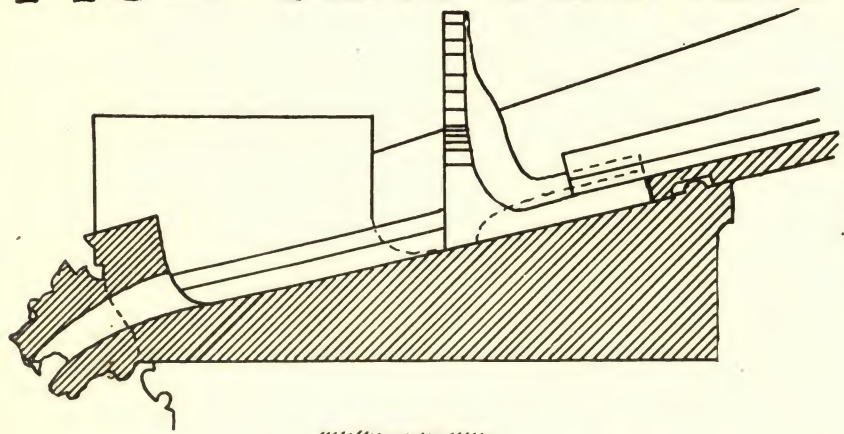
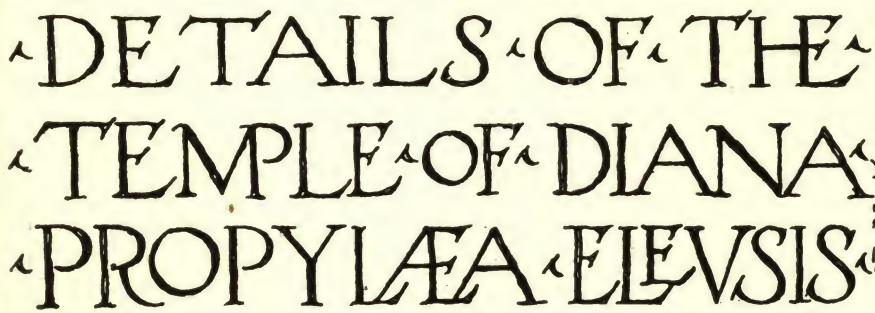
IONIC ORDER



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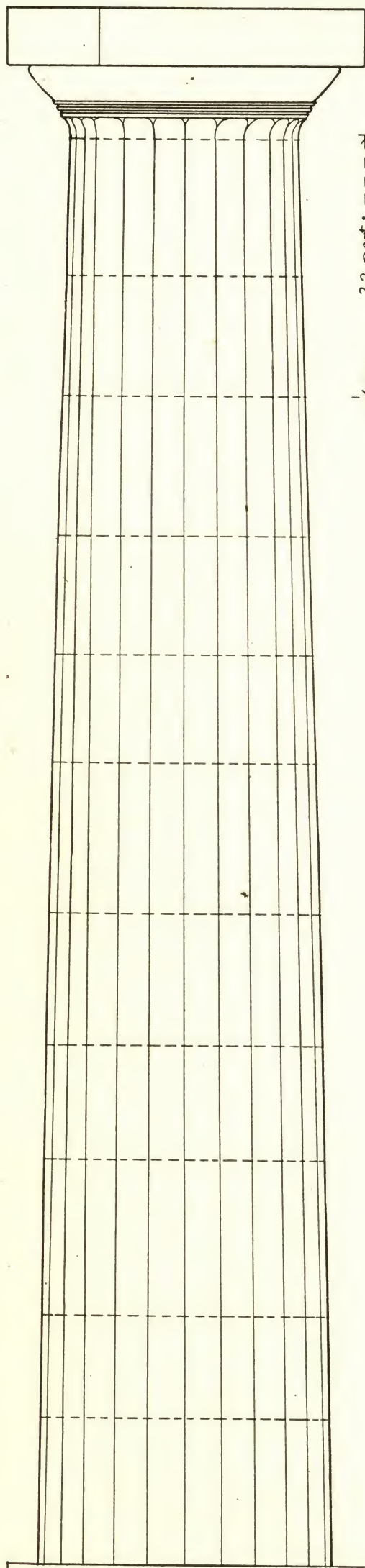


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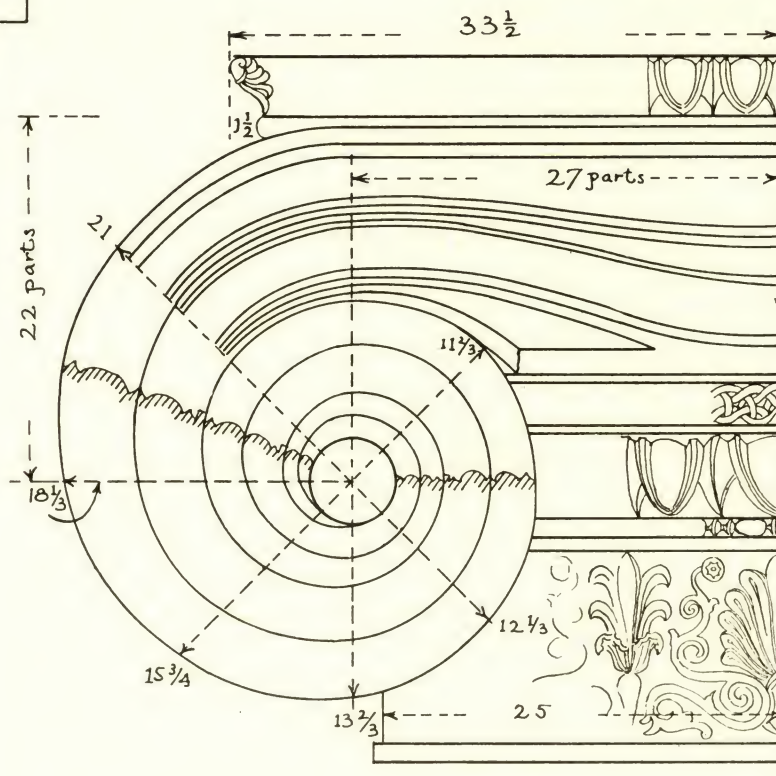


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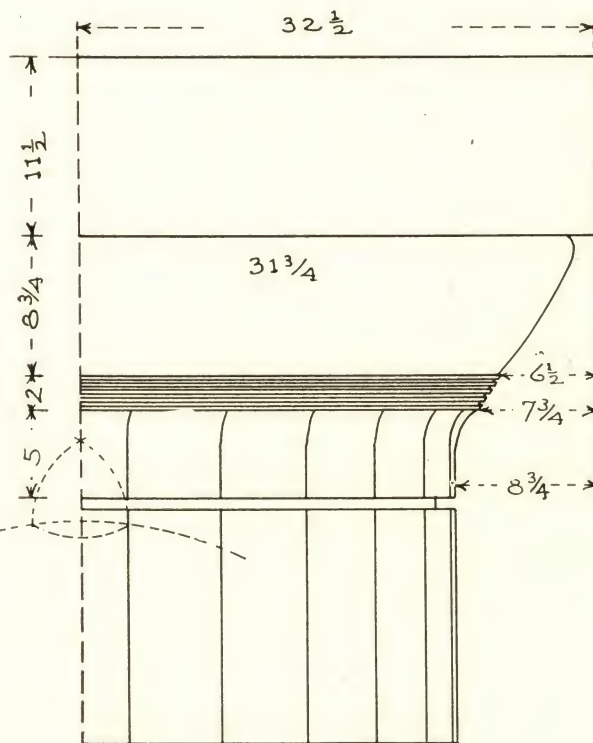
GREEK DORIC AND IONIC COLUMNS



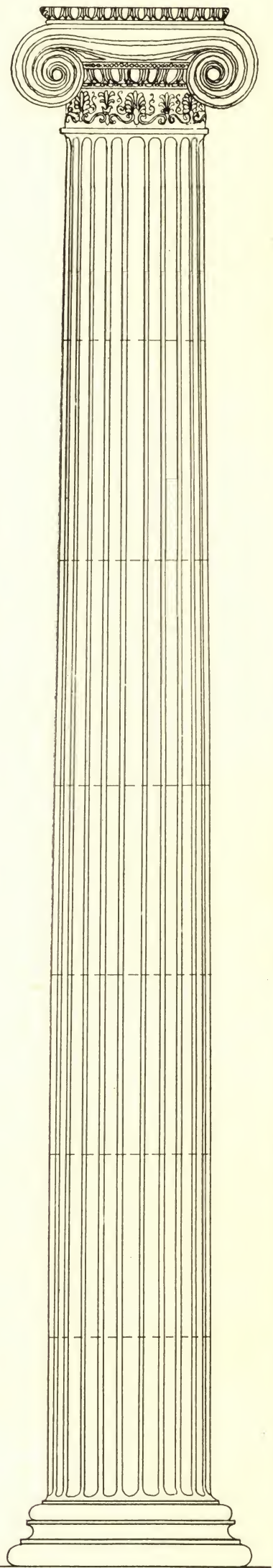
EAST FRONT PARTHENON



IONIC CAPITAL
PORCH MINERVA
POLIAS ERECHTEUM



DORIC CAPITAL
OVER HALL OF
THE PARTHENON



MINERVA POLIAS

0 5 10 15 20 25 1 Module 2 3

0 1 2 3 4 5 10 15 20 25 30 parts

0 5 10 15 20 25 1 2 3 Modules

Charles M Scarnegie
Bloomington
Indiana

This architectural drawing shows a section of a classical building facade. It features a row of columns with a pediment above them. The drawing includes a scale bar at the bottom, ranging from 0 to 60. Various measurements are provided throughout the drawing, including column heights, widths, and spacing. The drawing is labeled with numbers 33, 30, 48, 60, 25, and 30, which likely correspond to specific parts or measurements of the facade. The drawing is oriented horizontally, with the columns running vertically.

Measurements and labels:

- Top left: $4\frac{1}{2}$, $5\frac{1}{2}$, 8, $9\frac{1}{2}$, 10
- Left side: 33
- Column group 1: 30
- Column group 2: 30
- Column group 3: 48
- Column group 4: 60
- Column group 5: 25
- Column group 6: 30
- Bottom left: $7\frac{3}{4}$
- Bottom right: 11, 9, $7\frac{1}{2}$, $2\frac{1}{2}$, 3, 6, $2\frac{1}{2}$, $12\frac{1}{2}$, $2\frac{1}{4}$, $12\frac{1}{2}$, $2\frac{1}{4}$, $7\frac{1}{2}$, 3
- Scale bar: 0, 10, 20, 30, 40, 50, 60

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Bloomington
Indiana

GREEK MOULDINGS.

(13)

GREEK

(11)

(12)

(10)

(1)

(2)

(7)

(3)

(14)

(15)

(16)

(18)

(17)

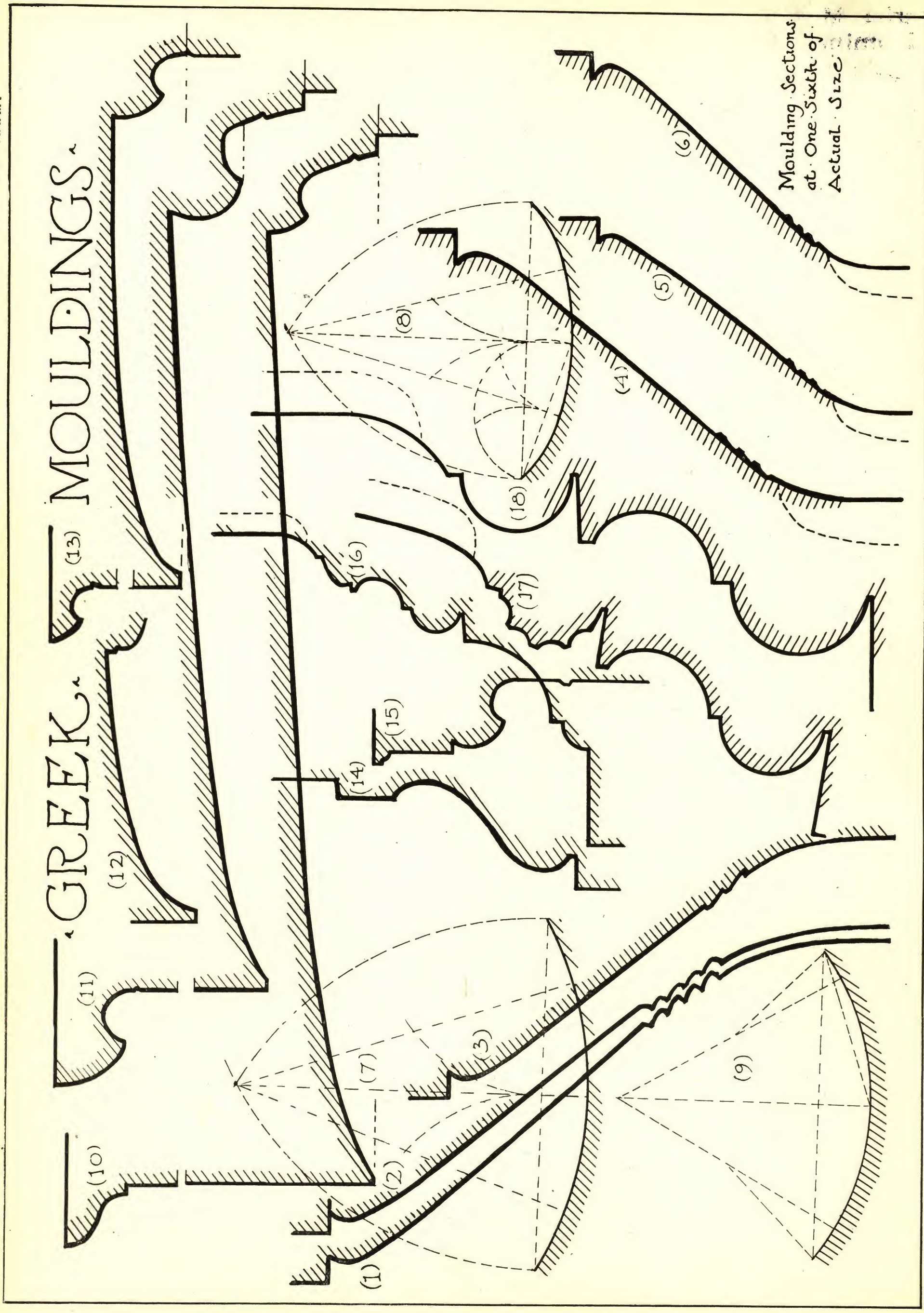
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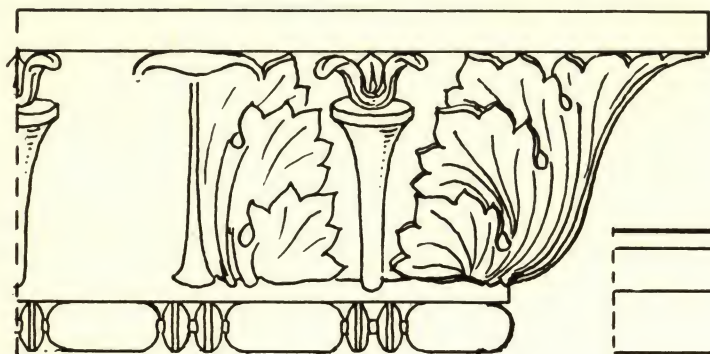
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Moulding Sections
at One-Sixth of
Actual Size

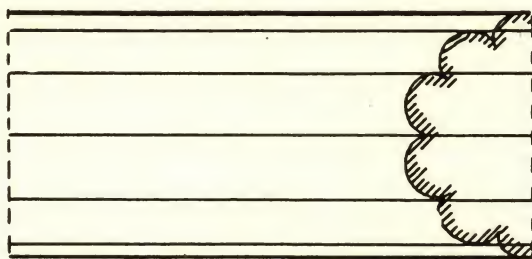


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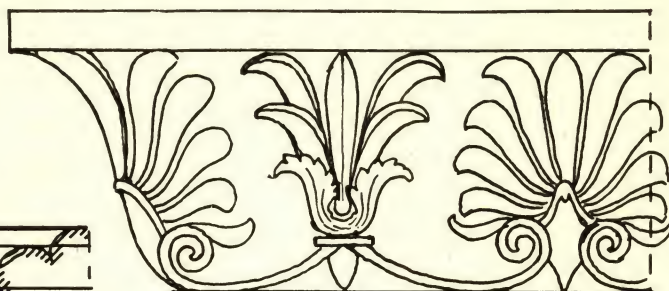
ORNAMENTED MOVLDINGS



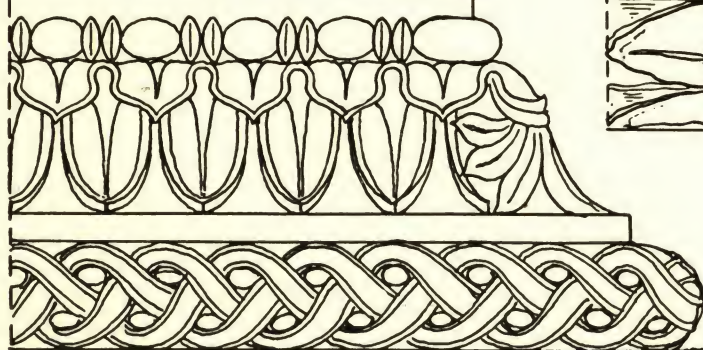
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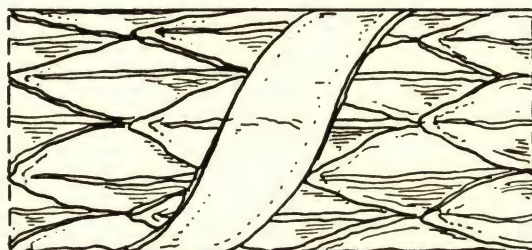
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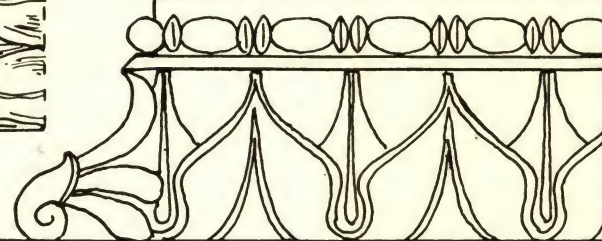
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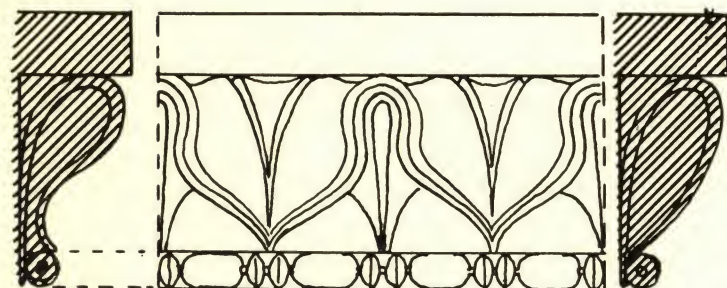
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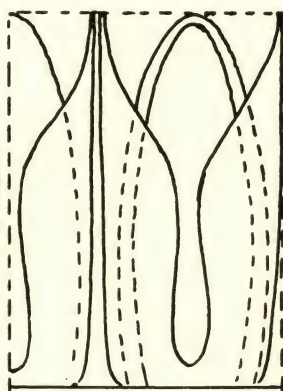
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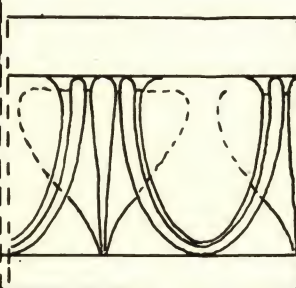
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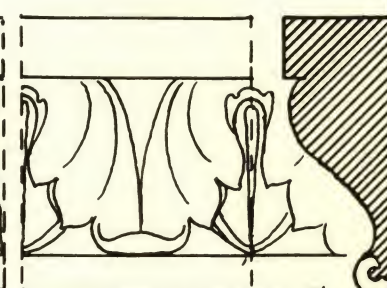
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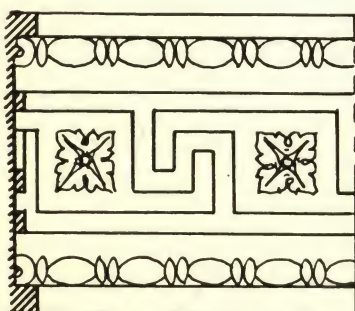
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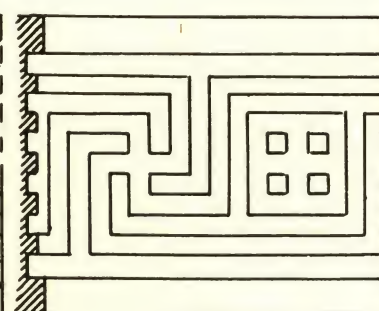
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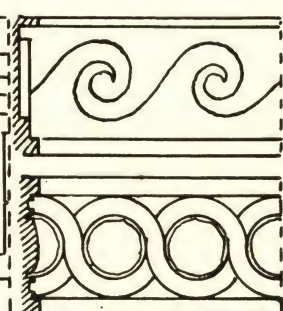
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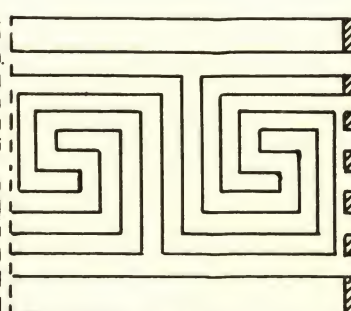
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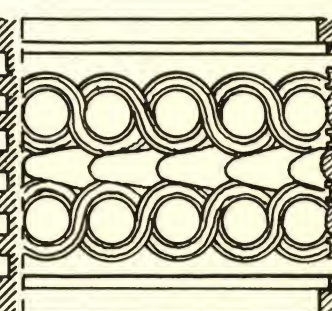
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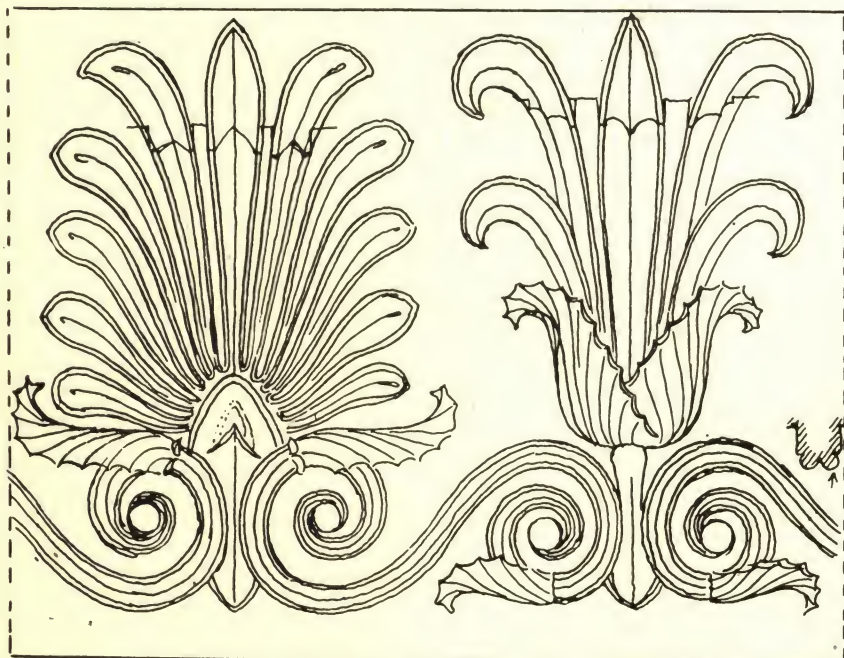
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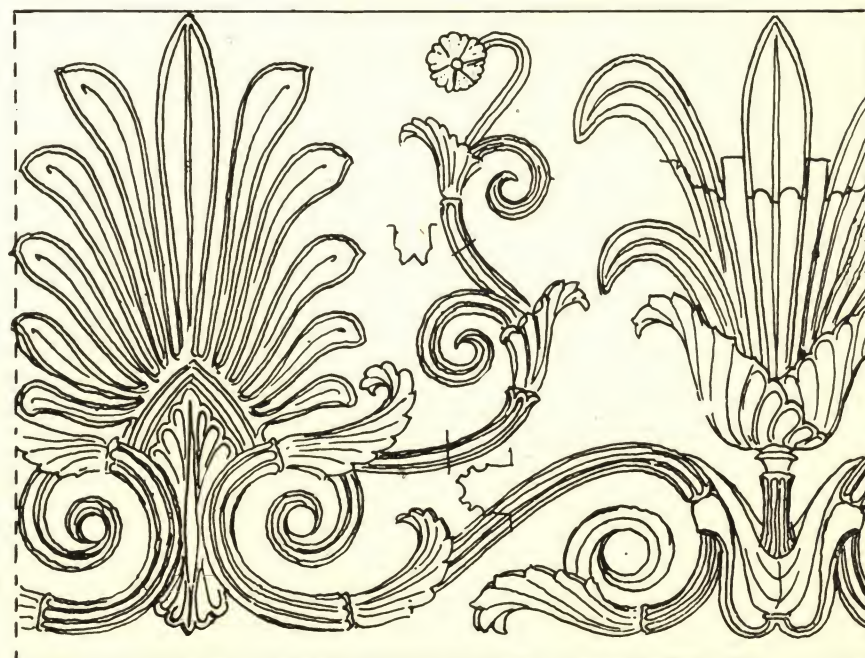
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O



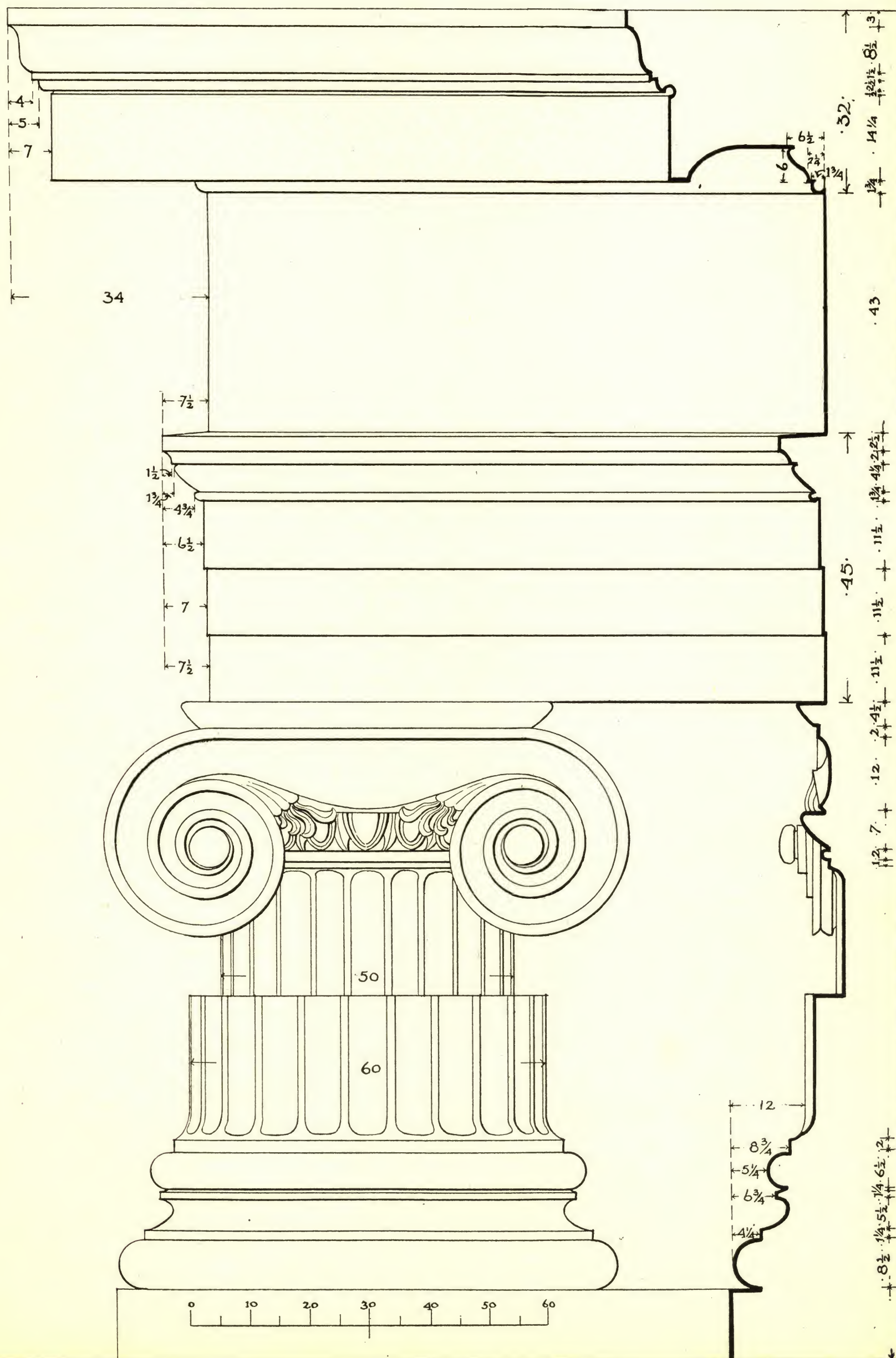
P



Q

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Bloomington
Indiana

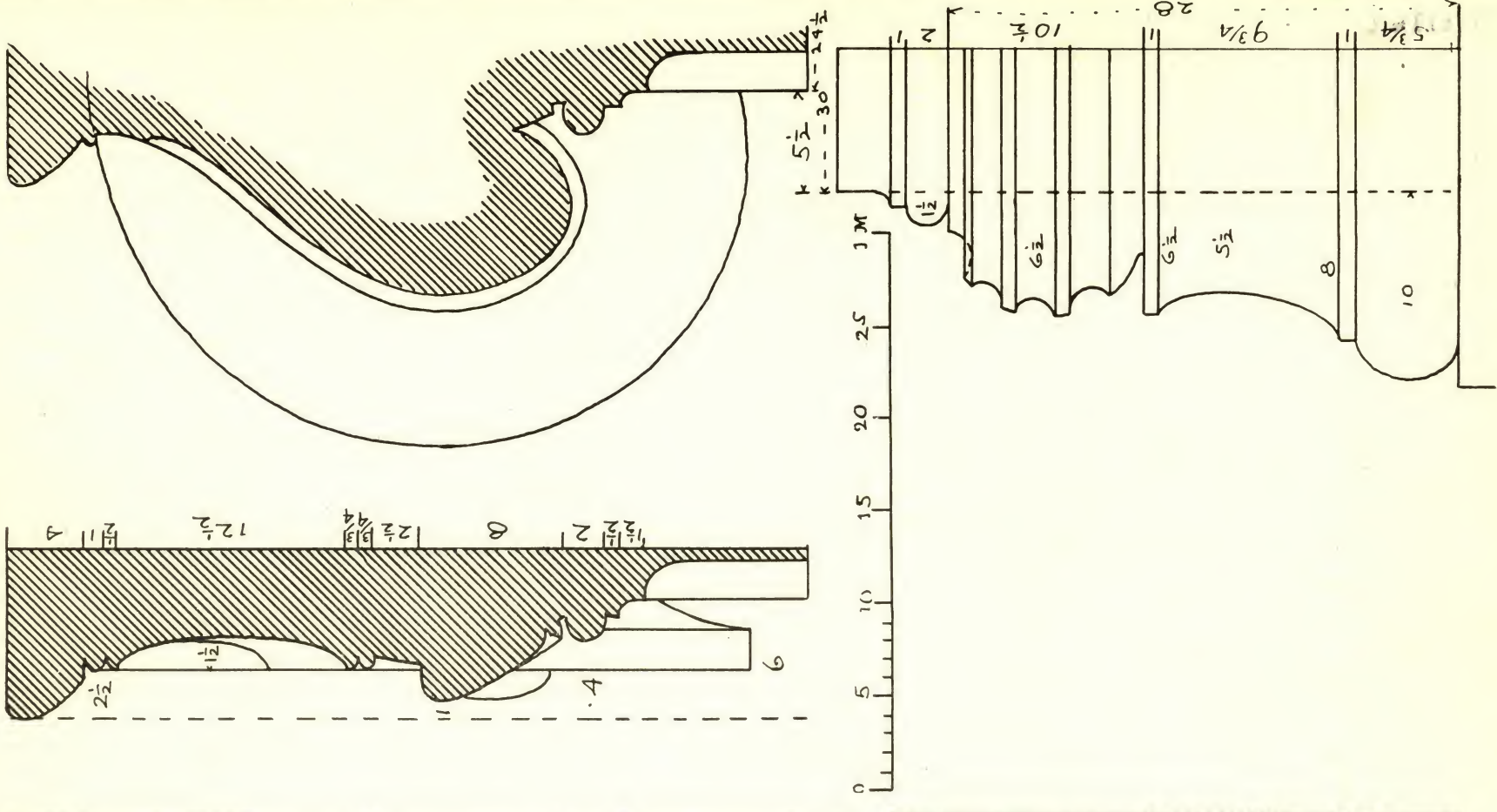
△GREEK△IONIC△ORDER△



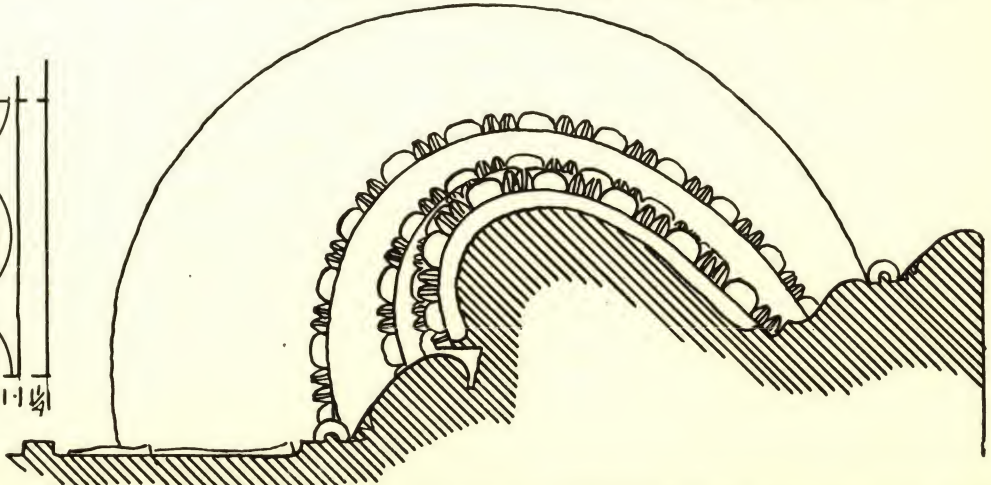
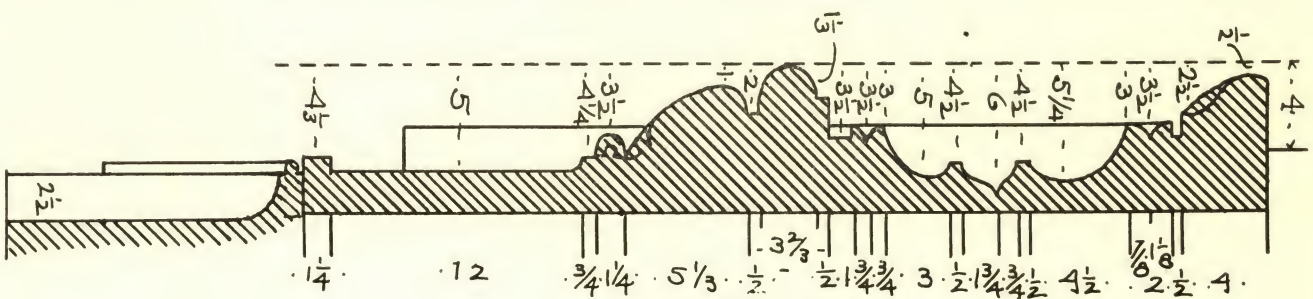
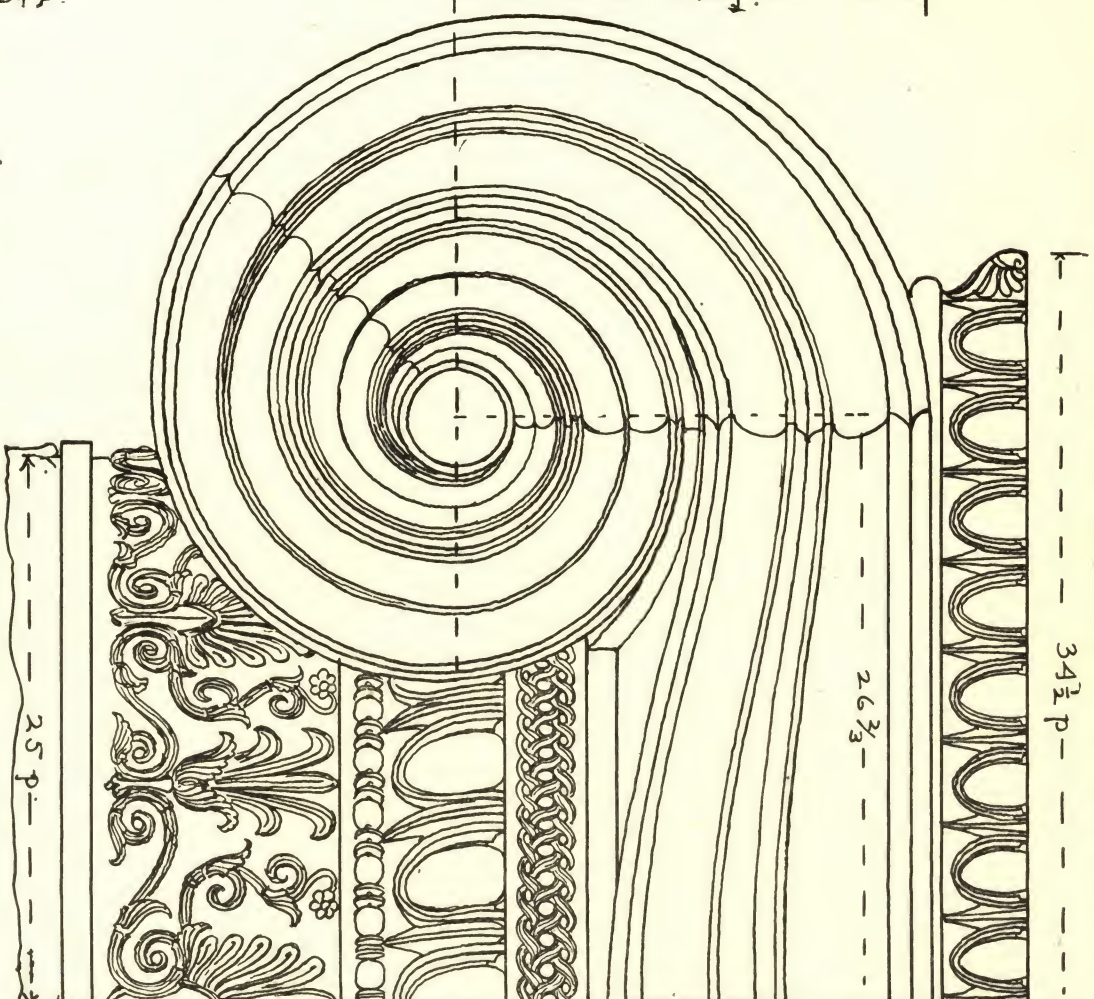
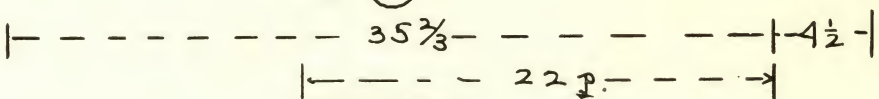
Charles M Scarnegie
Bloomington
Indiana

[illegible]

‘TEMPLE OF NIKÉ’
‘APTEROS ATHENS’
‘ON THE ACROPOLES’



Charles M Scarnegie
Bloomington
Indiana



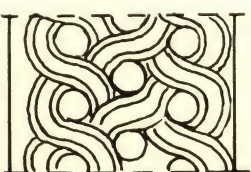
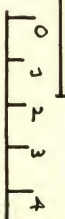
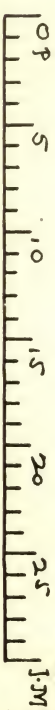
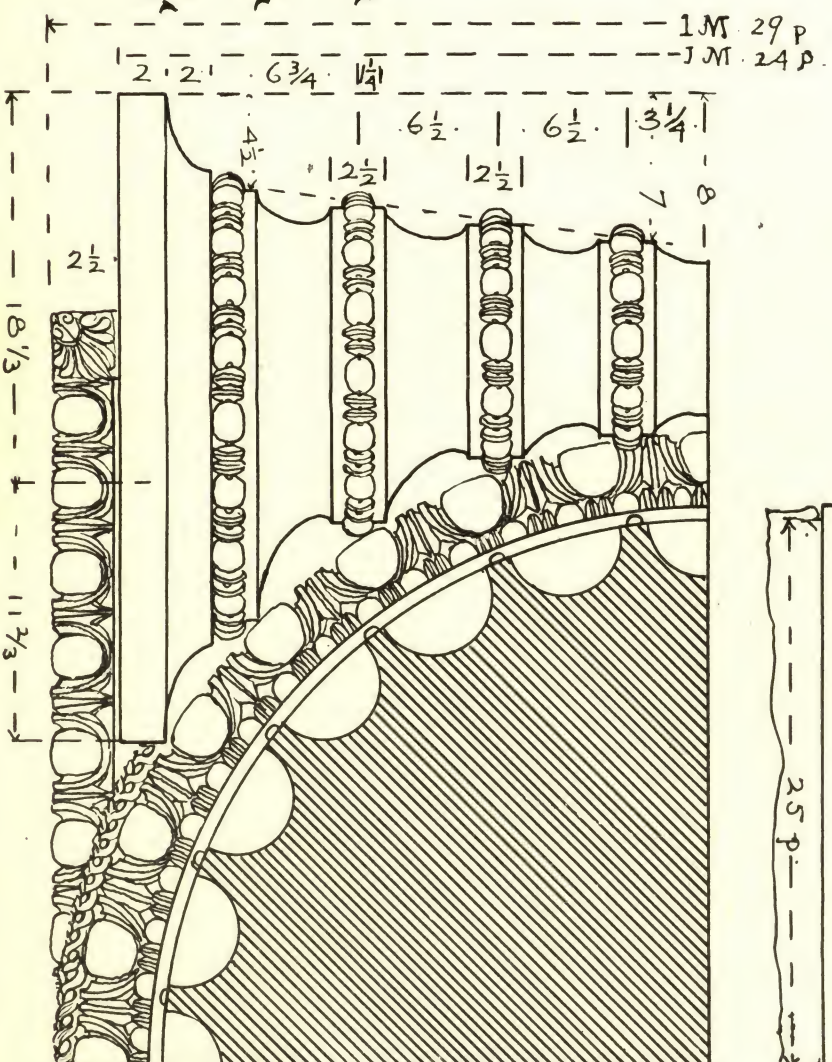
CAPITAL.

ORNAMENTED

«PORTICO • TEMPLE»

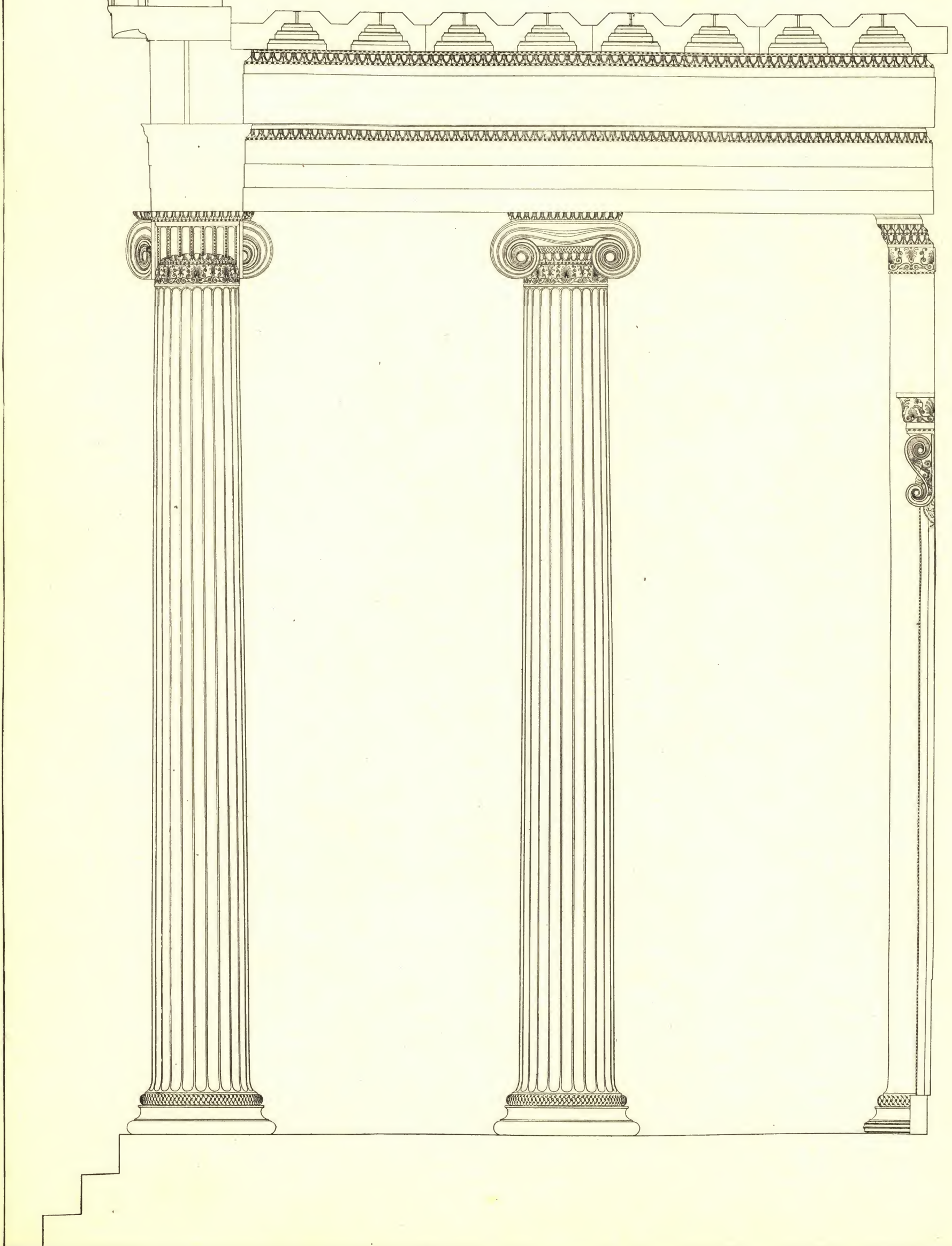
MINERVA POLAS

ERCHTHEVMATHENS.



Charles M. Scarnegie
Bloomington
Indiana

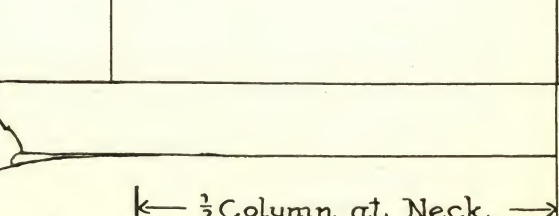
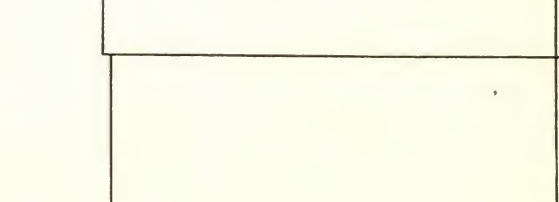
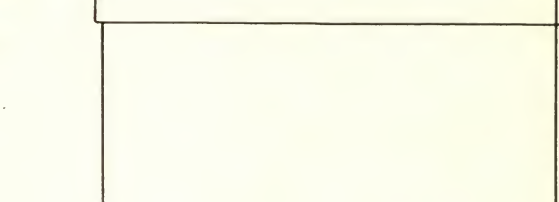
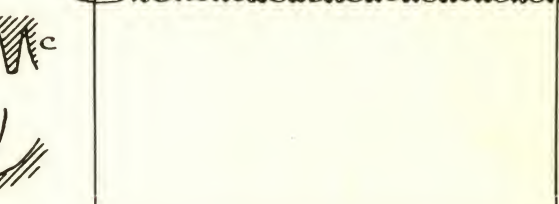
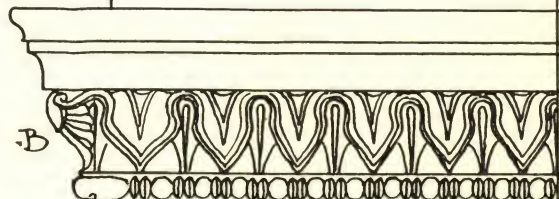
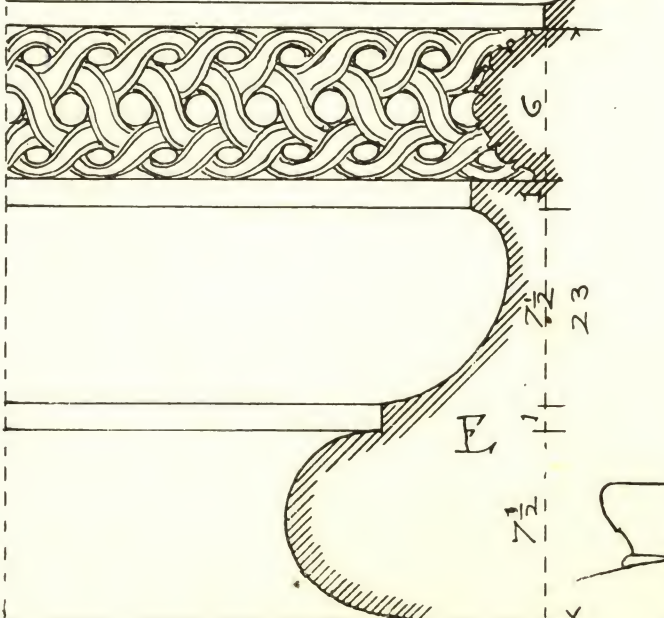
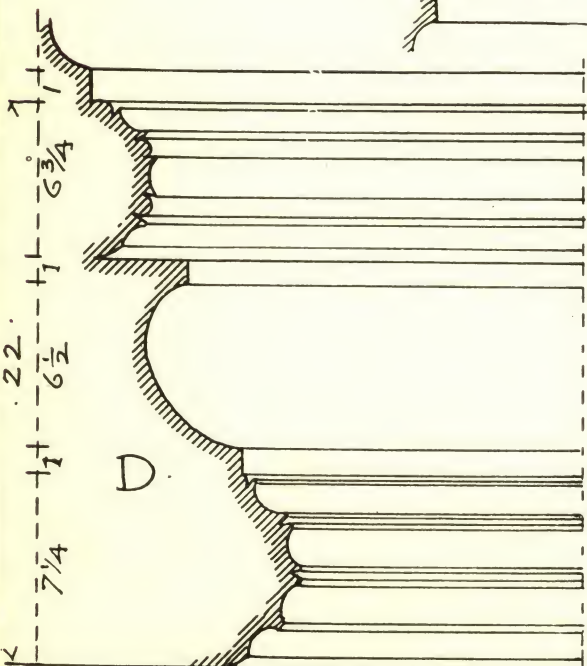
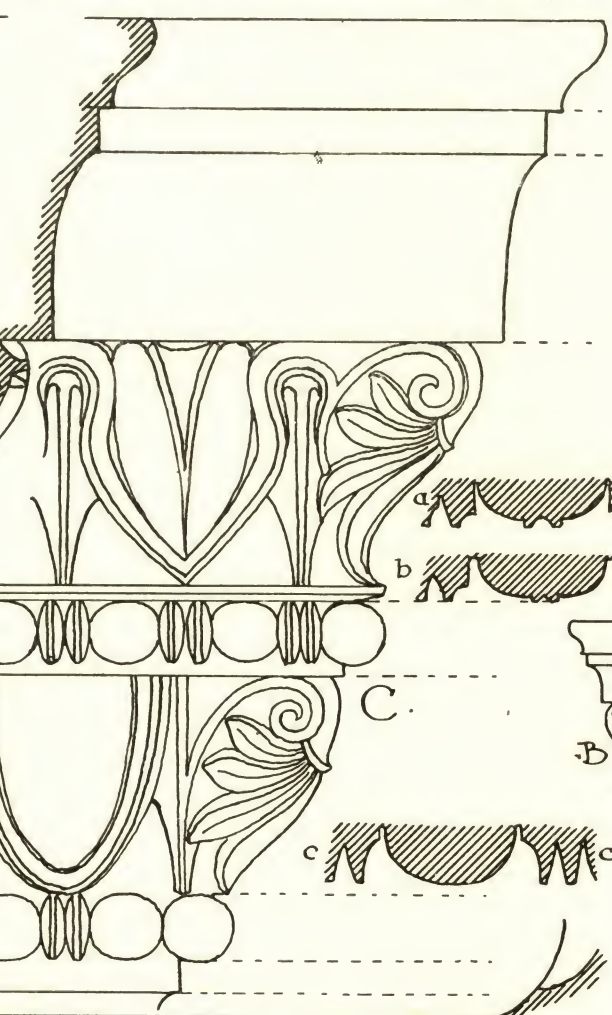
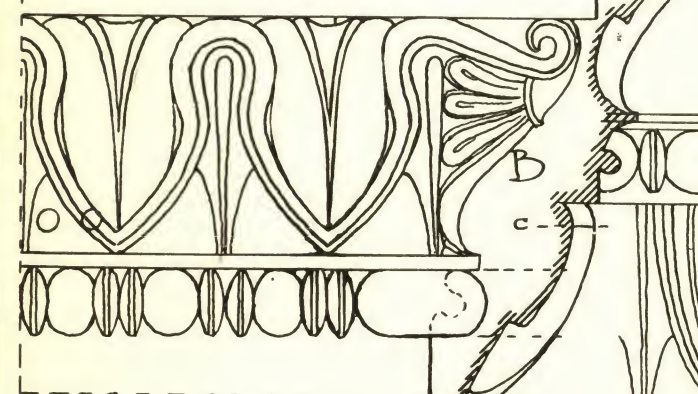
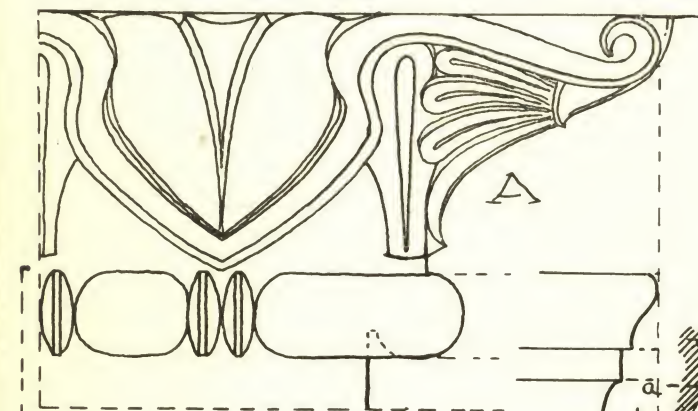
PORTICO OF TEMPLE OF MINERVA POLIAS



Charles M Carnegie
Bloomington
Indiana



DETAILS OF ERECHTHEUM



← ½ Column at Neck →
← ½ Column at Base →

48½

20¾

4½

1¼

4

13

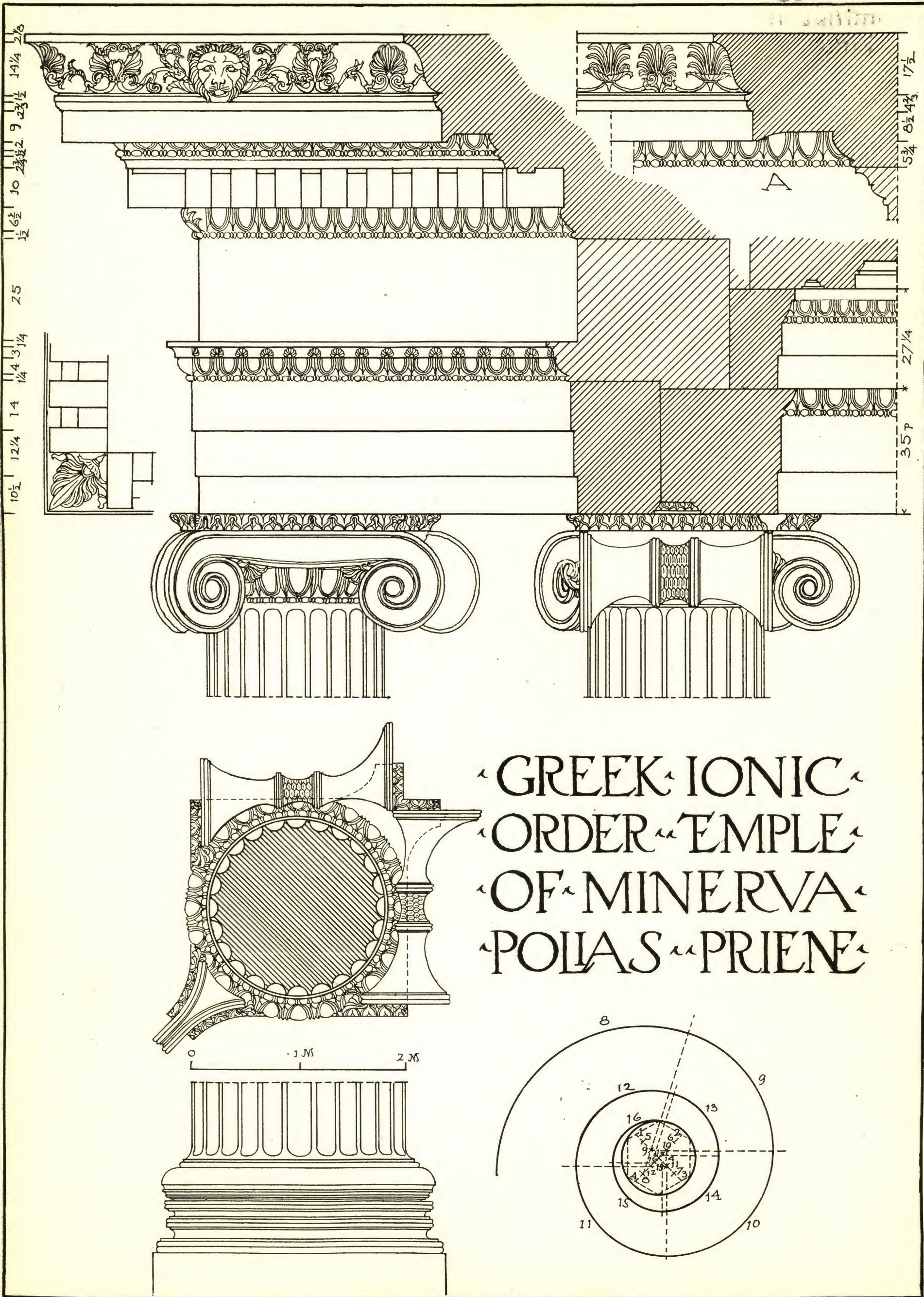
5

2¼

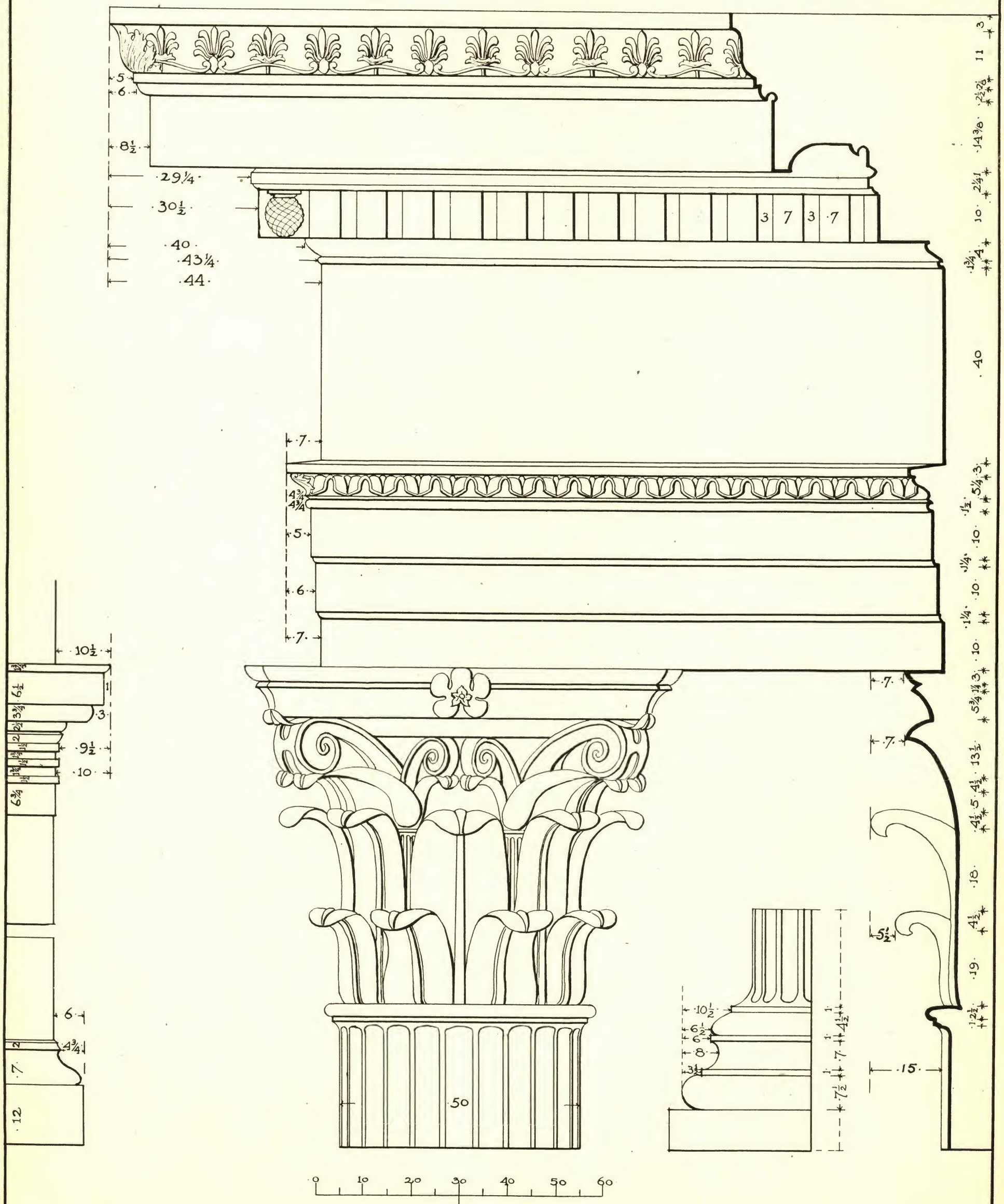
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50¾

Charles M Scarnegie
Bloomington
Indiana

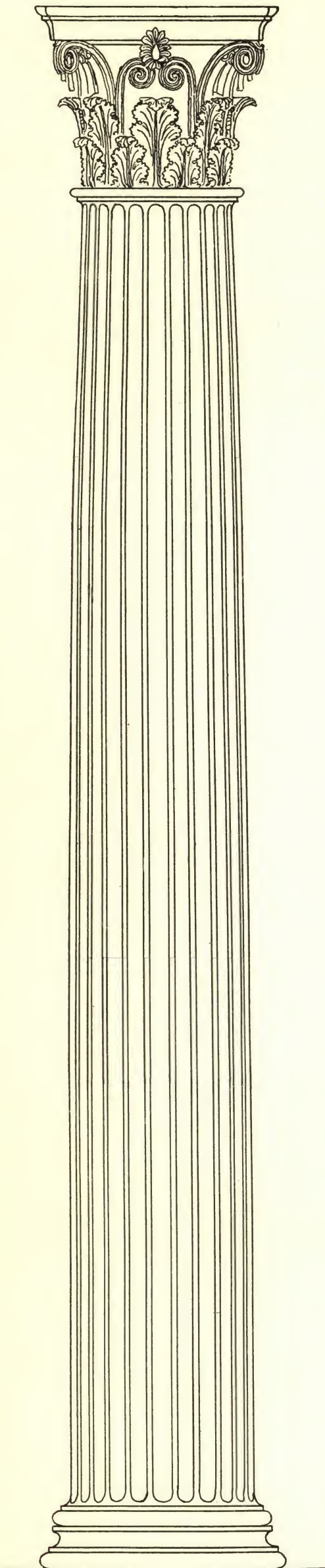


Charles M Scarnegie
Bloomington
Indiana



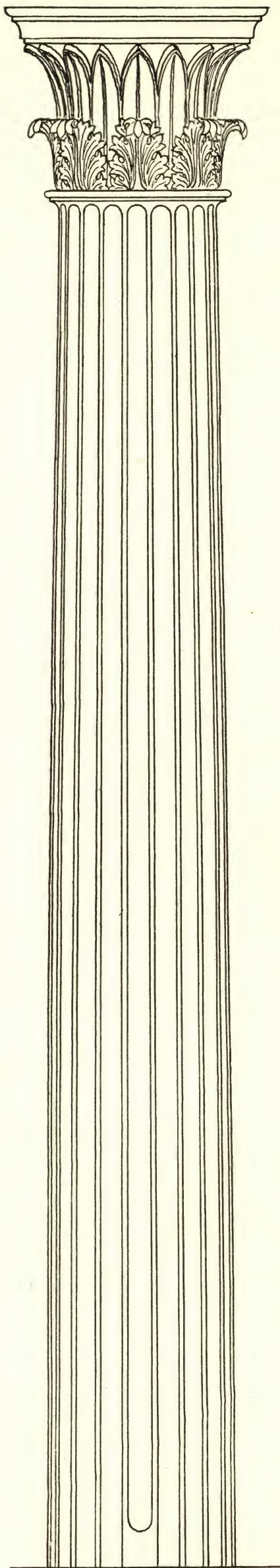
Charles M Scarnegie
Bloomington
Indiana

GREEK CORINTHIAN COLUMNS



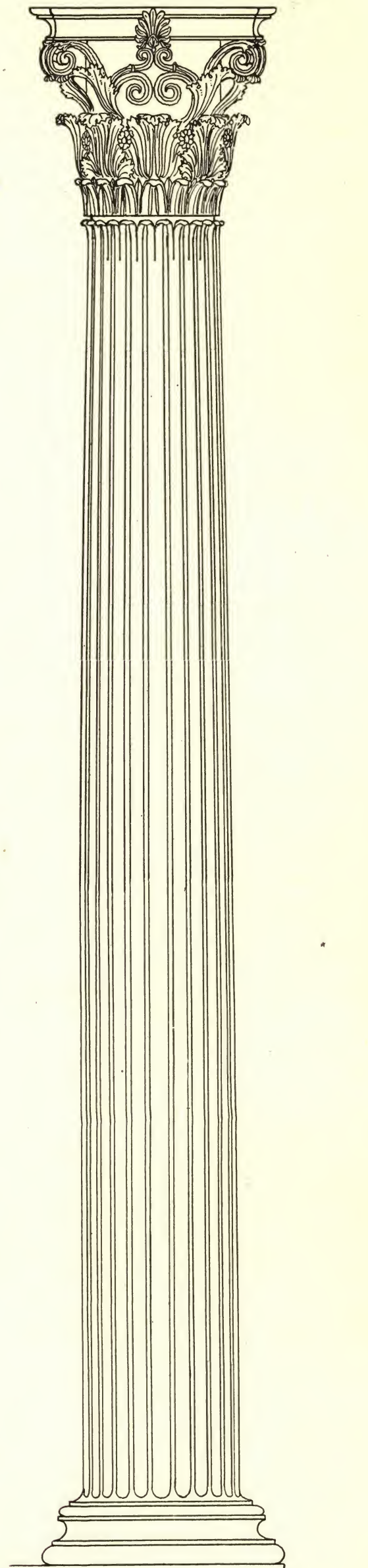
EPIDAVROS

0 5 15 25 1 2 M.



TEMPLE OF WINDS

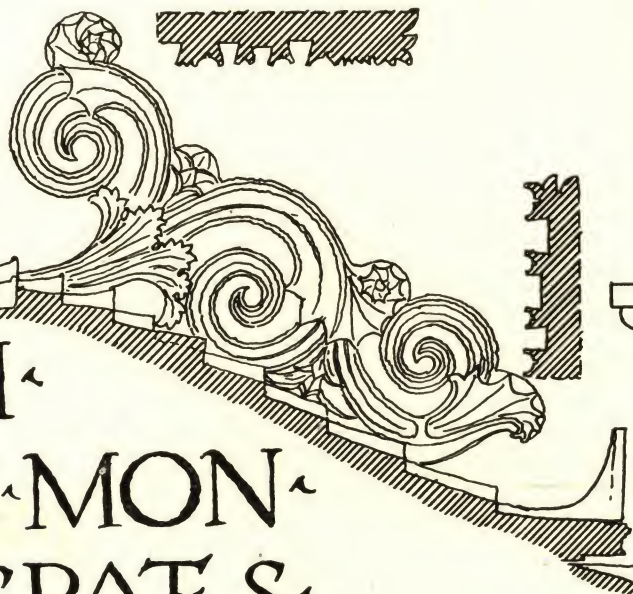
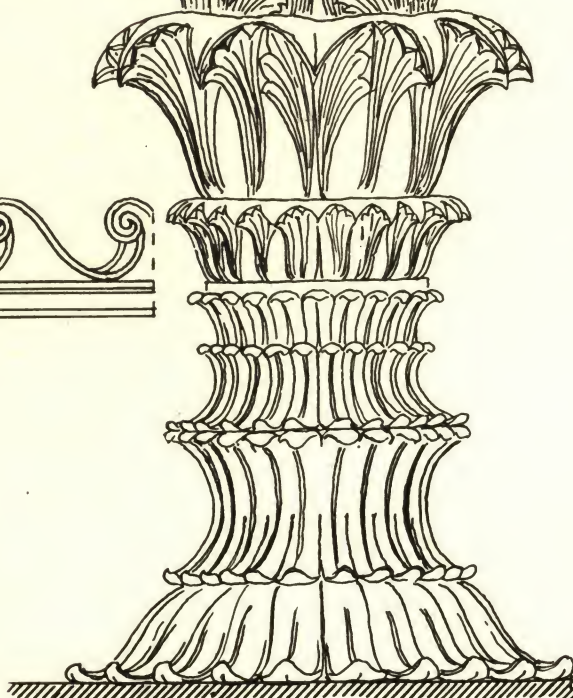
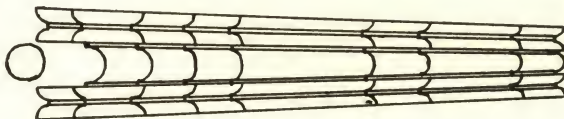
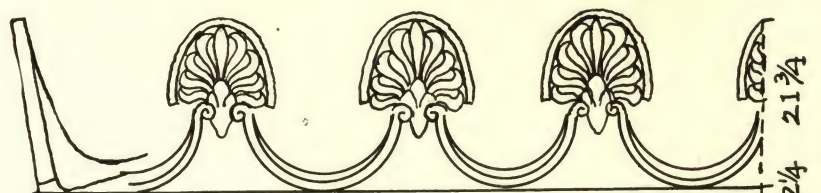
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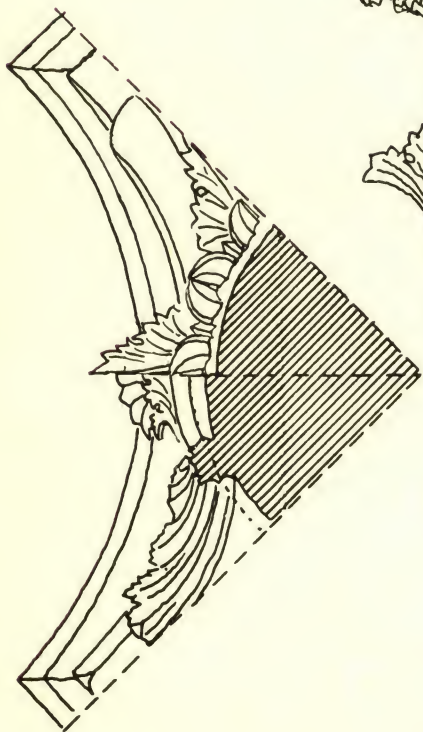
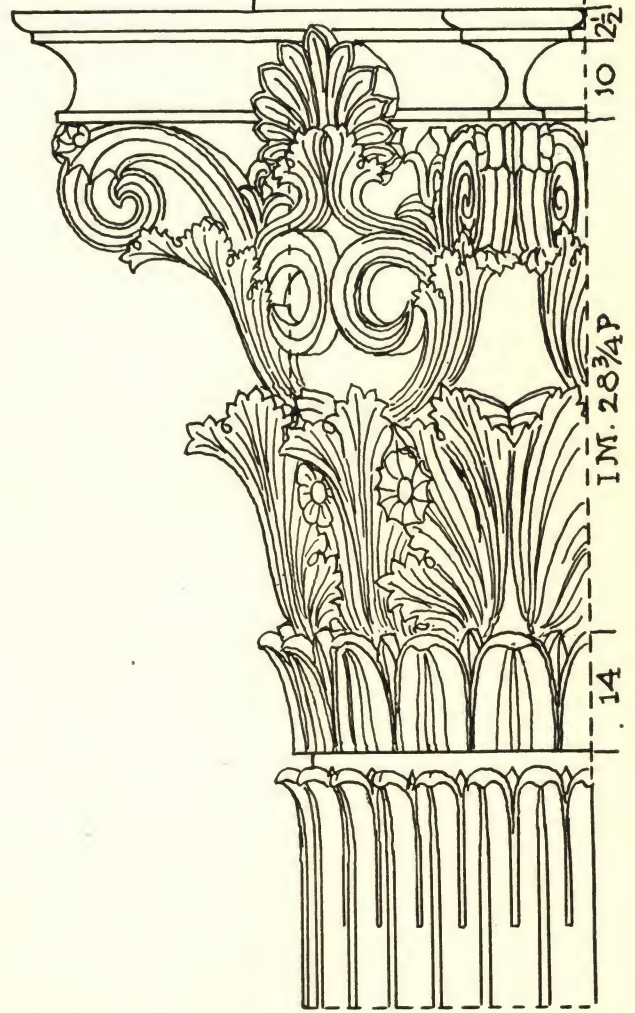
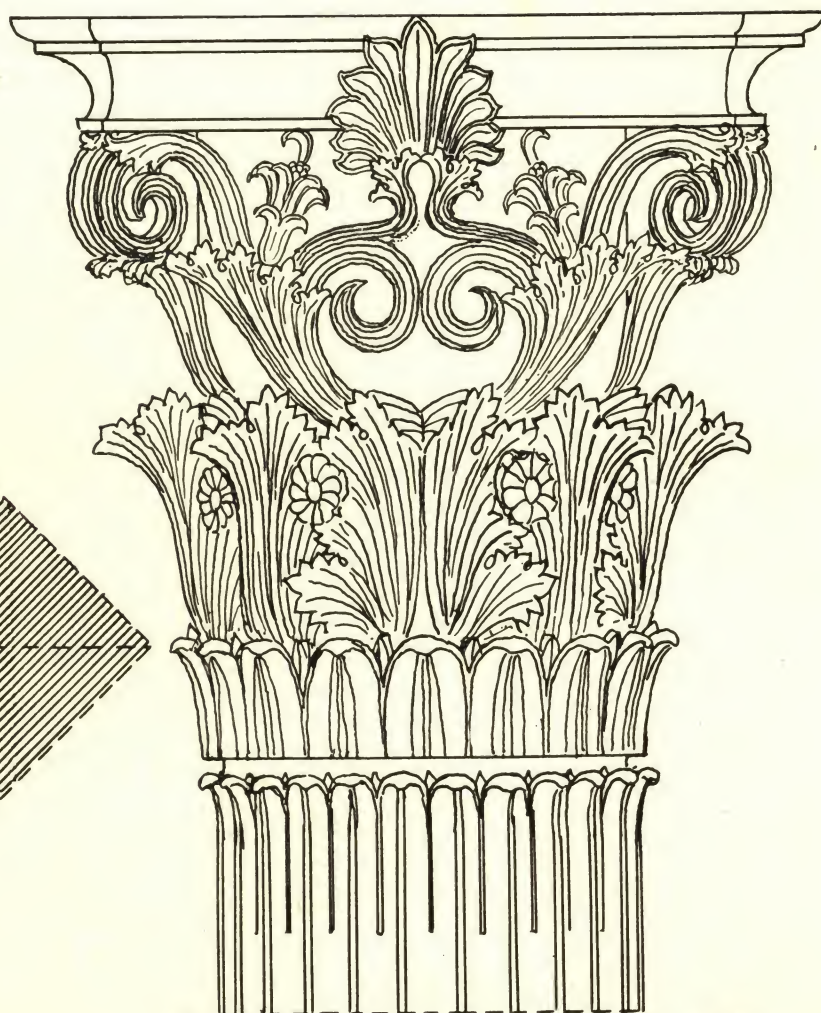
LYSICRATES

0 5 15 25 1 2 M.

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Bloomington
Indiana



DETAILS FROM
THE CHORAGIC MONUMENT
OF LYSICRAES



10 5 10 15 20 25 1

2 M.

10 2 1/2
I.M. 28 3/4 P

14

10 2 1/2

14 1/2

14 1/2

14 1/2

5 1/2

3 1/2

3 1/2

3 1/2

13 1/4

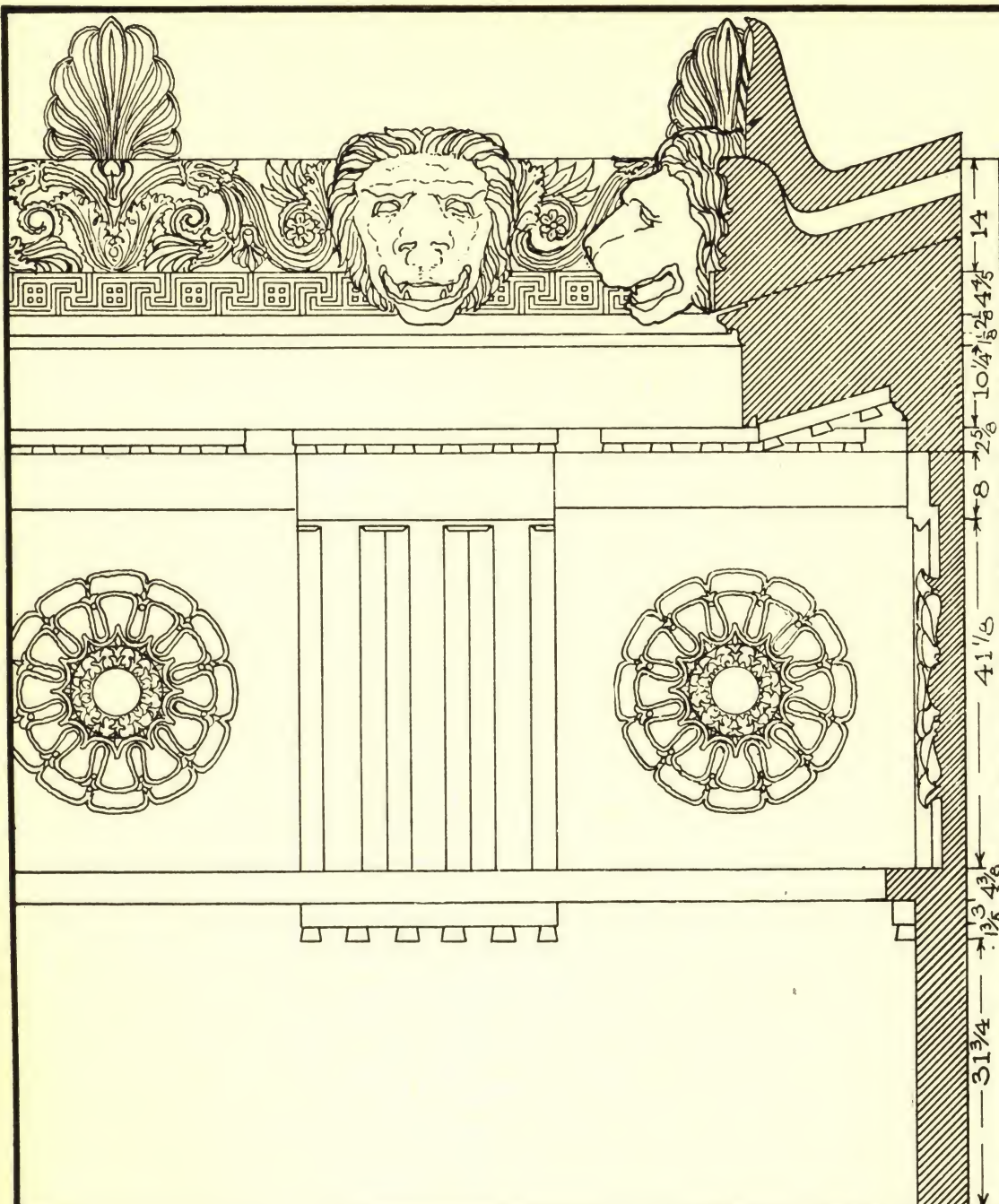
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3 1/4

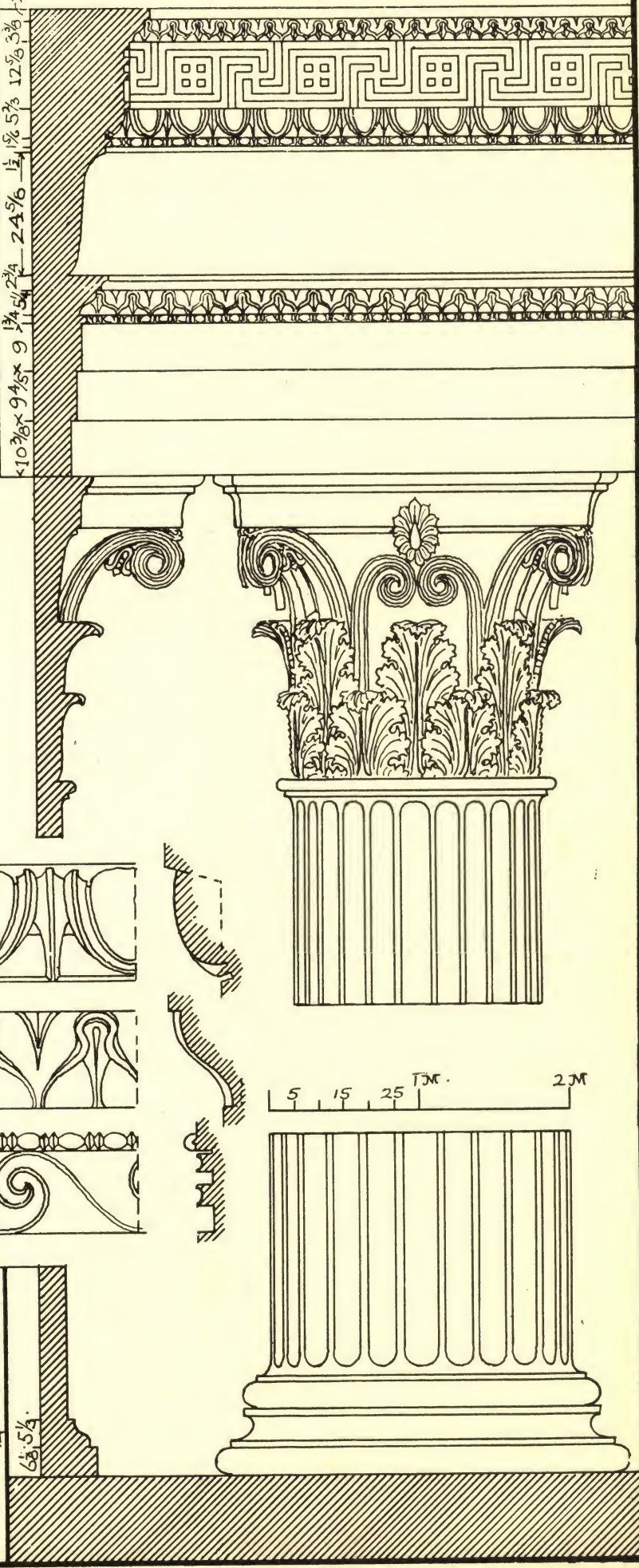
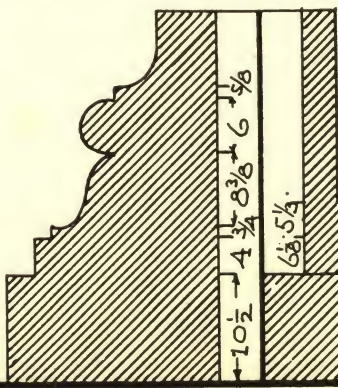
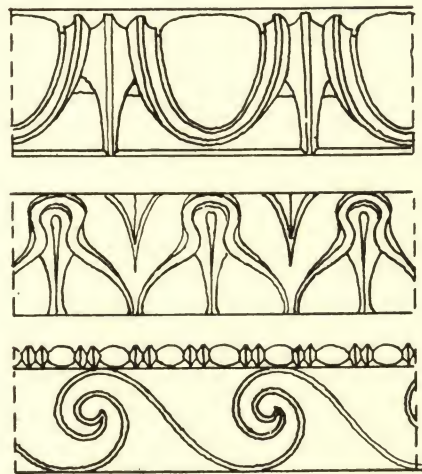
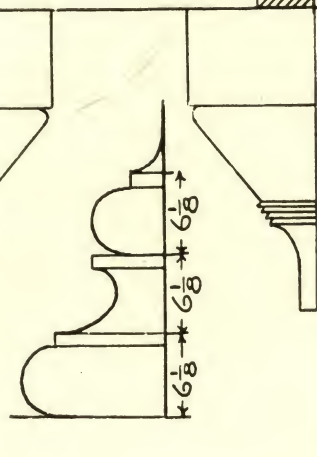
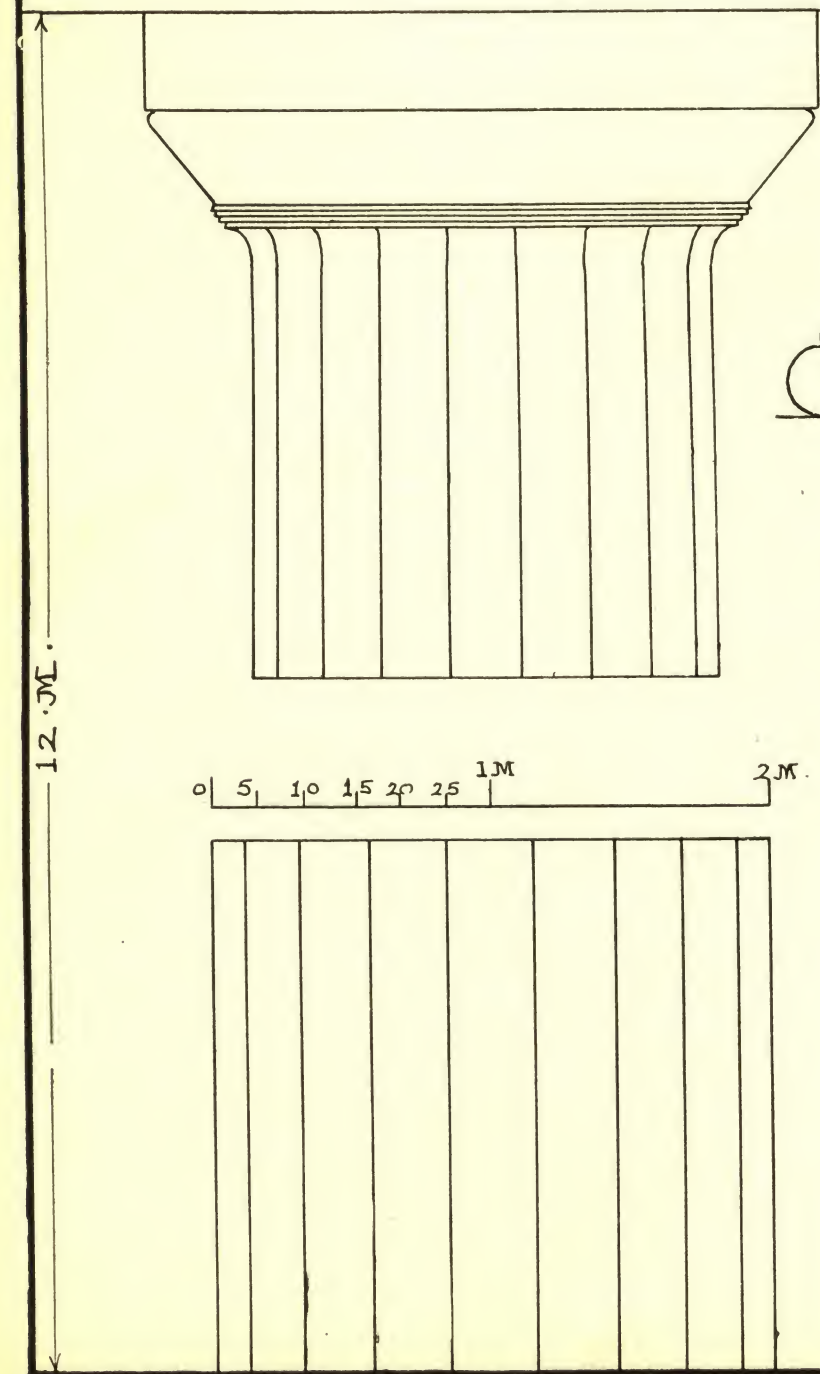
3 1/4

21 1/4

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Indiana

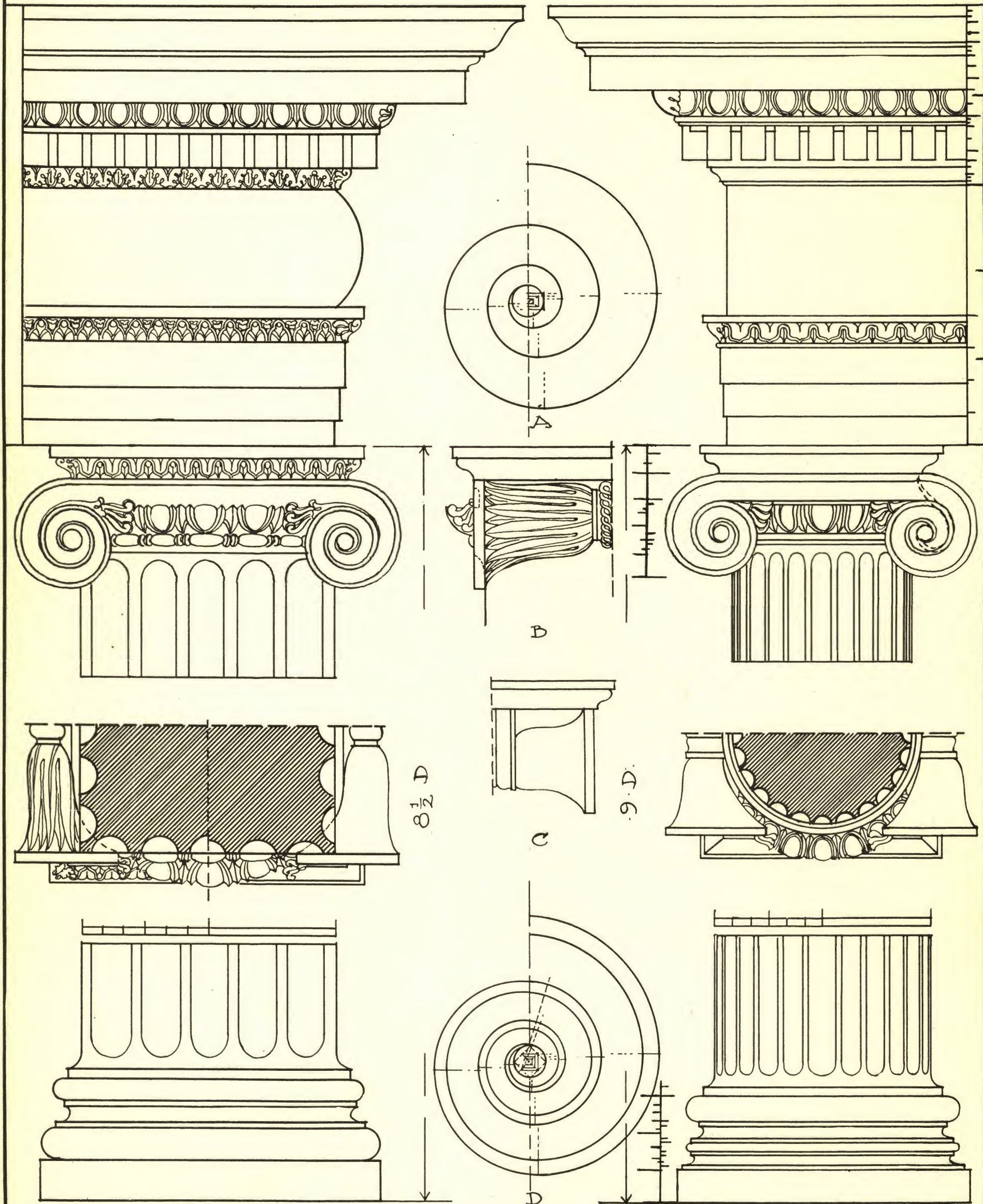


THE TEMPLE AT
EPIDAVROS
SHOWING CONTEMPORANEOUS USE OF
GREEK DORIC AND CORINTHIAN ORDERS



Charles M Scarnegie
Bloomington
Indiana

ROMAN IONIC ORDERS



8½ D

9 D

B

C

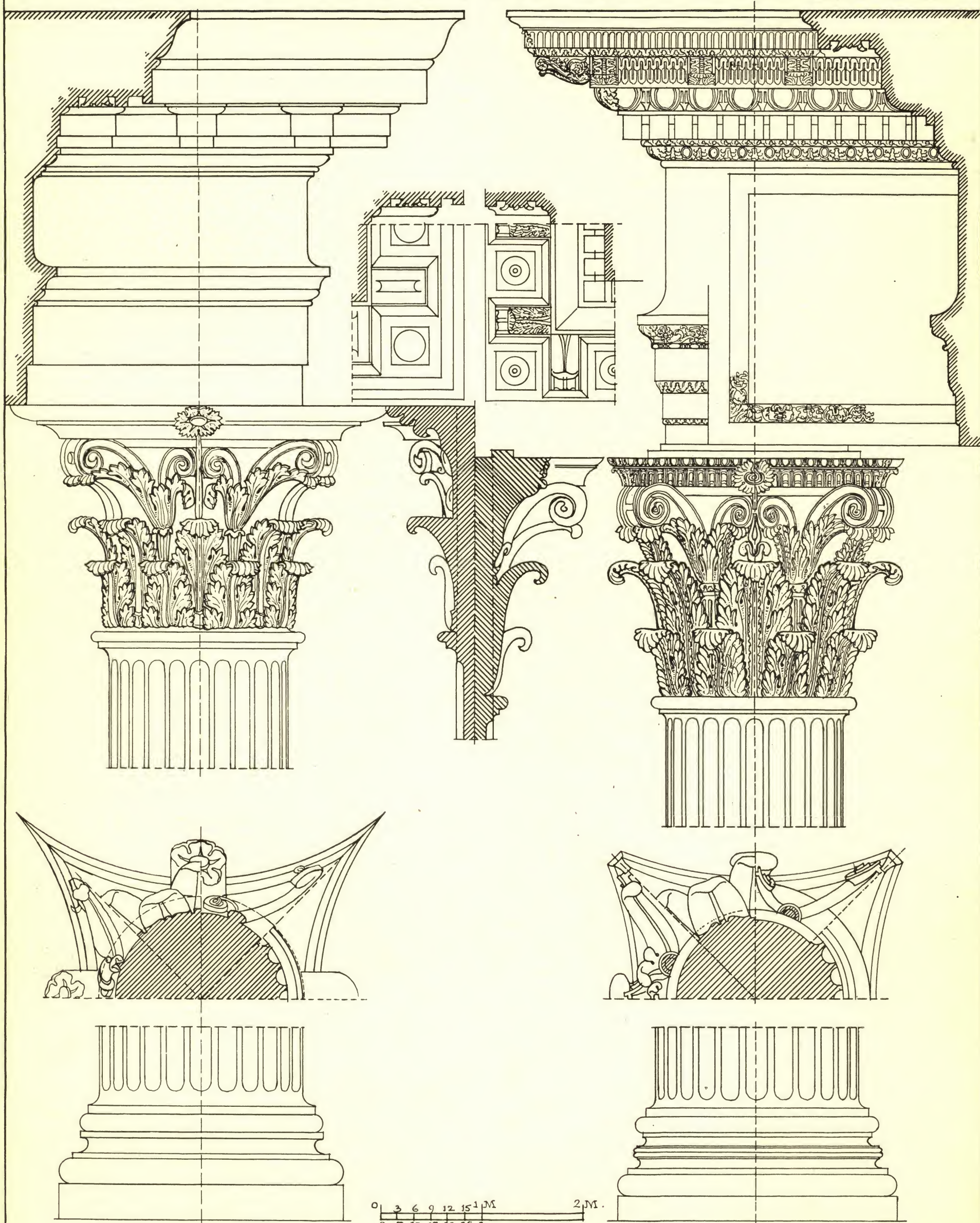
D

BAHS OF DIOCLETIAN

METHOD OF PROPORTION

Charles M Scarnegie
Bloomington
Indiana

ROMAN CORINTHIAN ORDERS

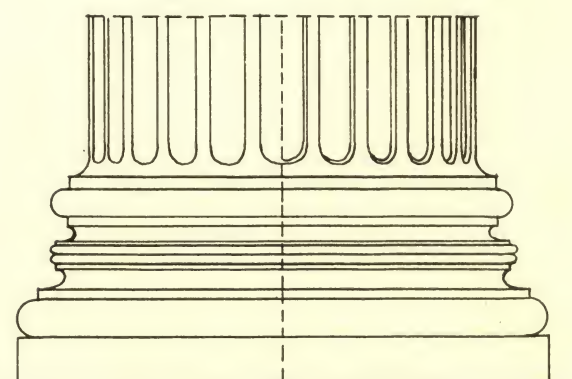
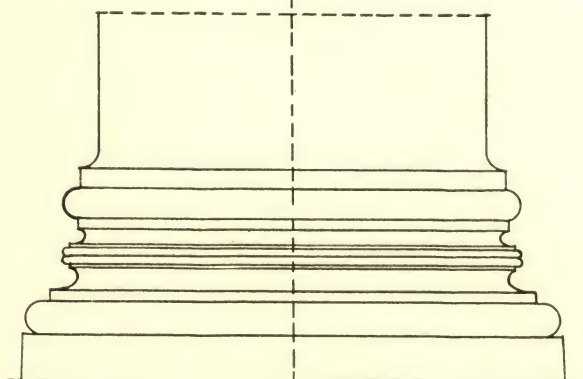
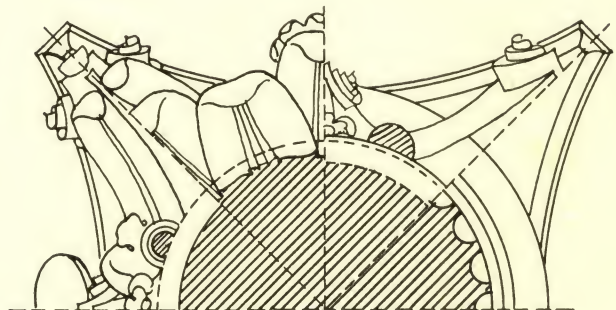
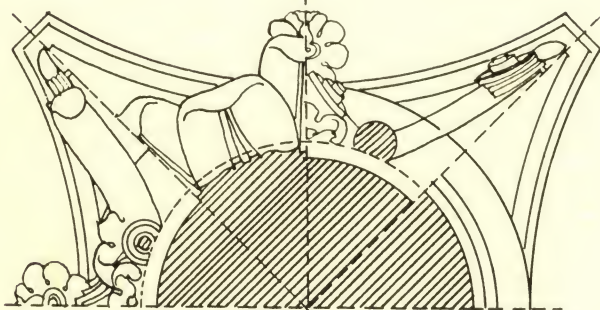
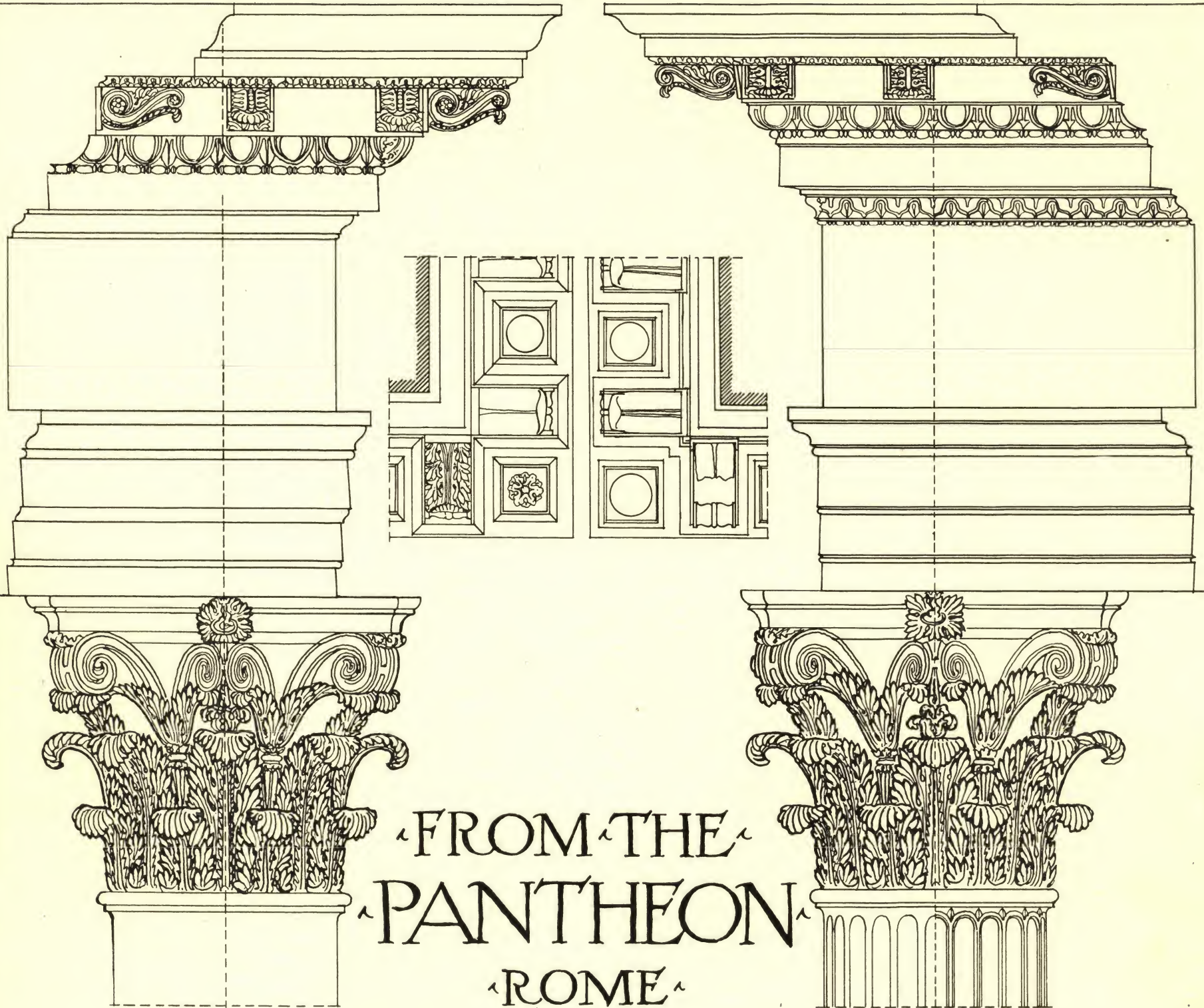


JUPITER OLYMPUS
ATHENS

TEMPLE OF SATURN
ROME

Charles M Scarnegie
Bloomington
Indiana

ROMAN CORINTHIAN ORDERS



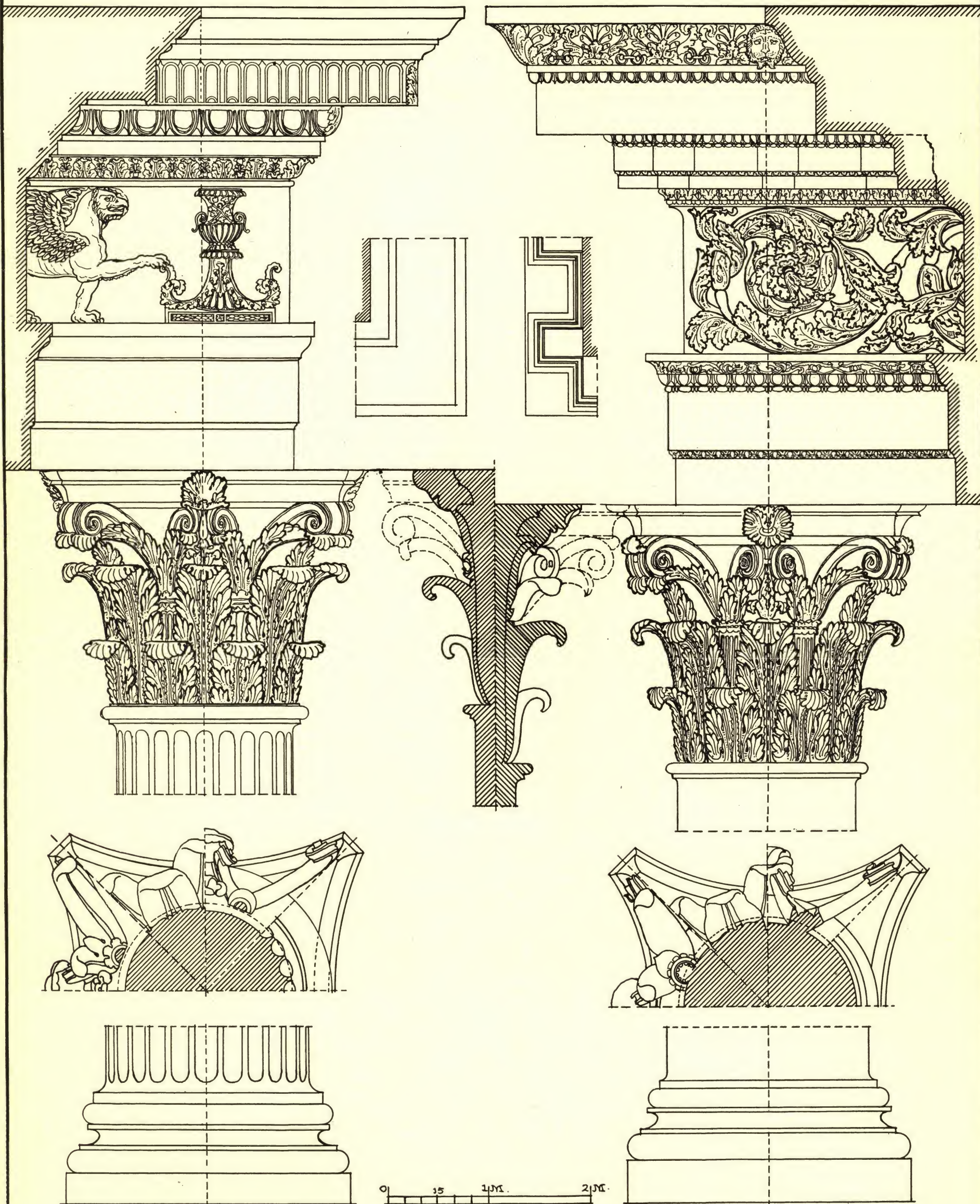
0 1.5 1 M. 2 M.

EXTERIOR

INTERIOR

Charles M Scarnegie
Bloomington.
Indiana

ROMAN CORINTHIAN ORDERS

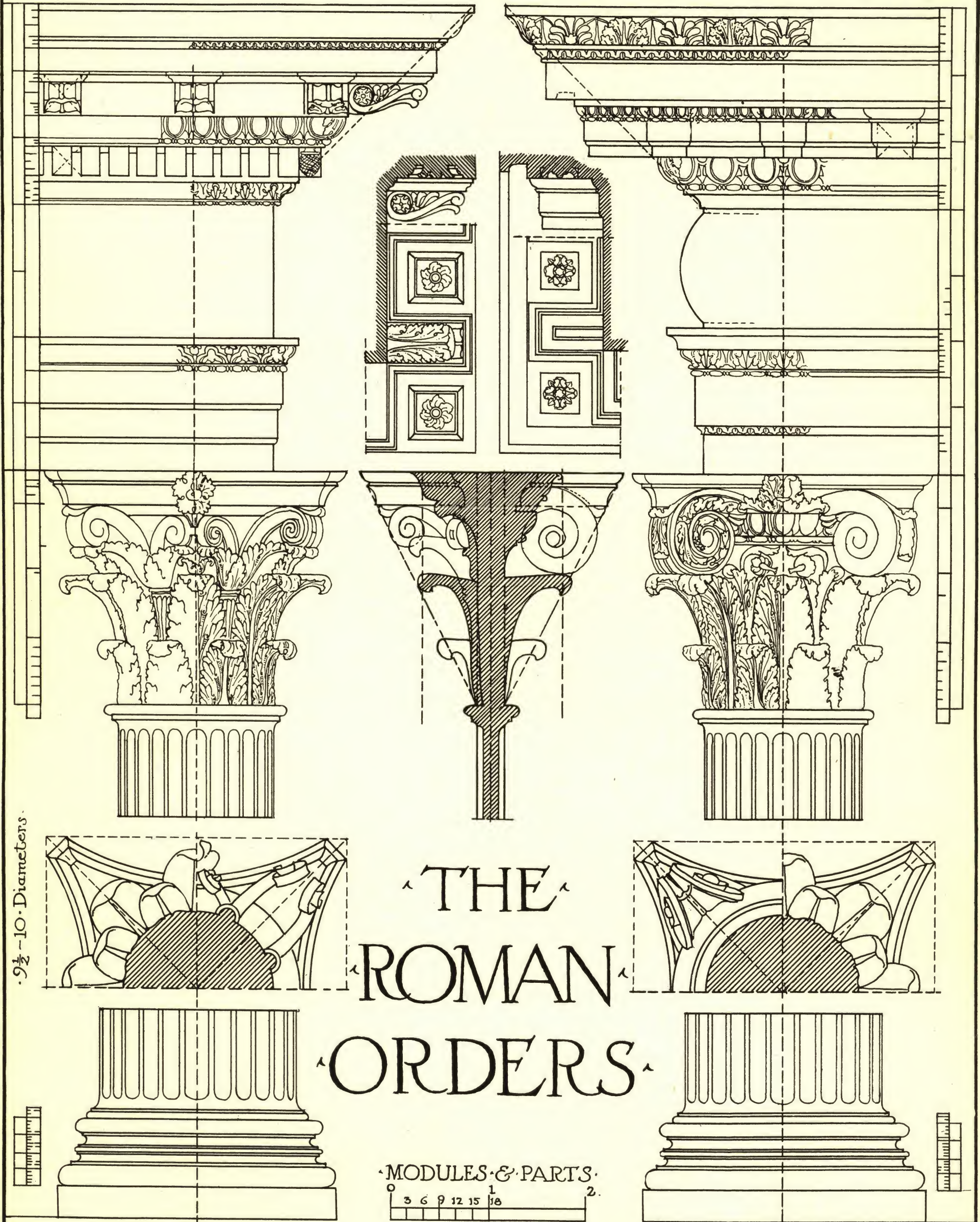


ANTONINUS & FAUSTINA
ROME

TEMPLE OF THE SUN
ROME

Charles M Scarnegie
Bloomington
Indiana

A METHOD OF CONSTRUCTING



9 1/2 - 10 Diameters

THE ROMAN ORDERS

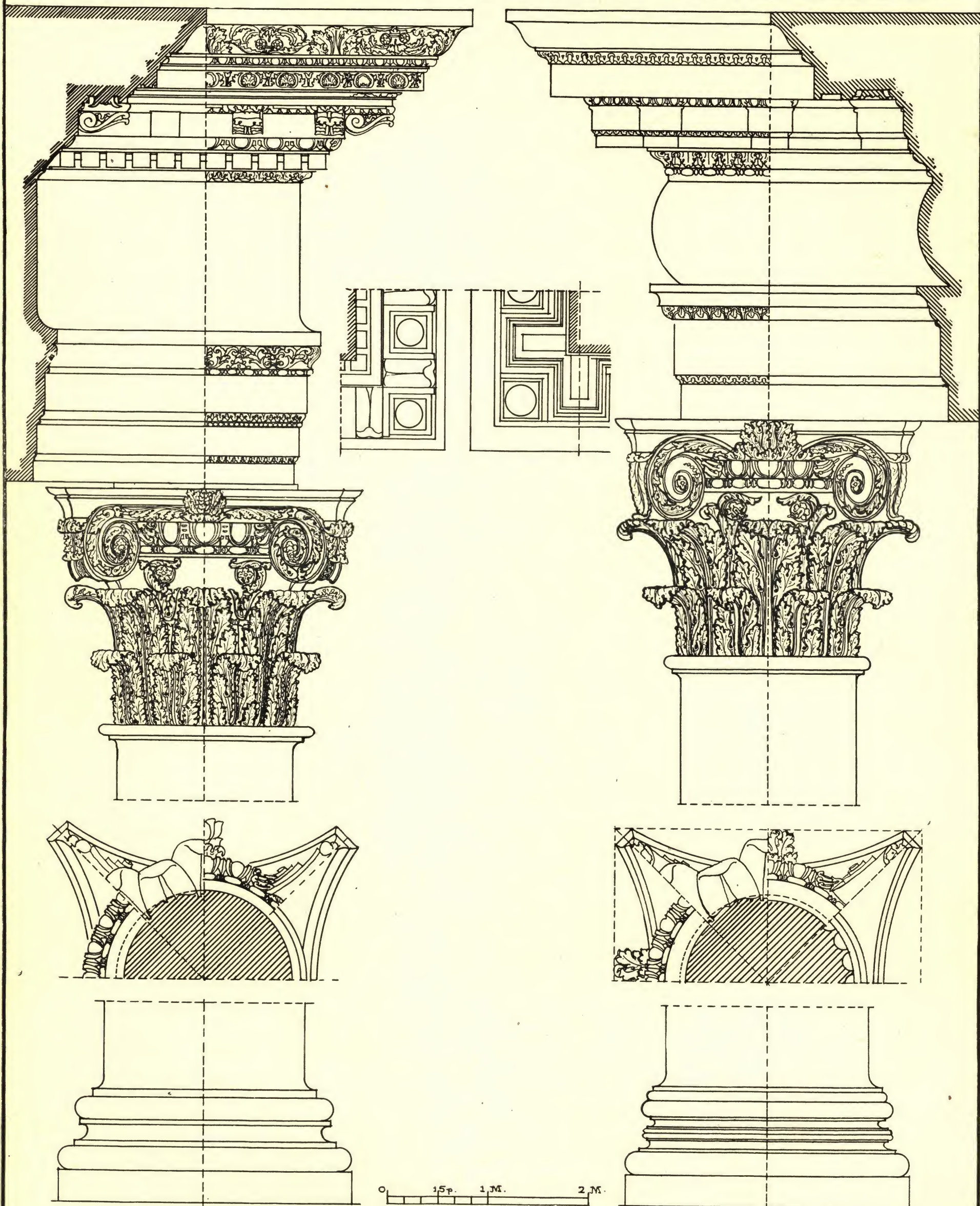
CORINTHIAN

&

COMPOSITE

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Bloomington
Indiana

ROMAN COMPOSITE ORDERS

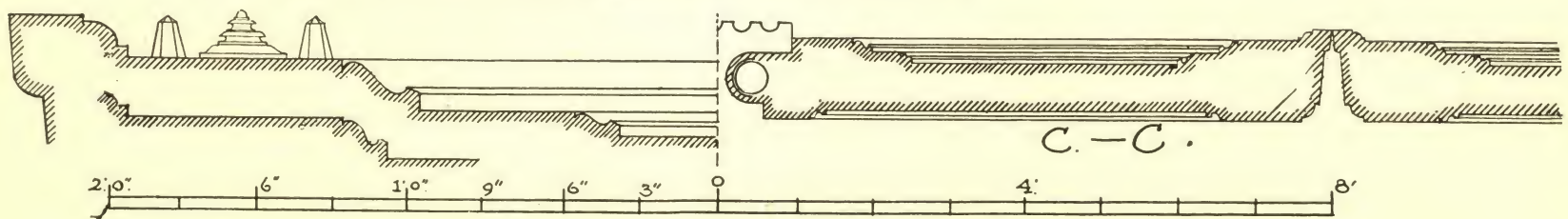
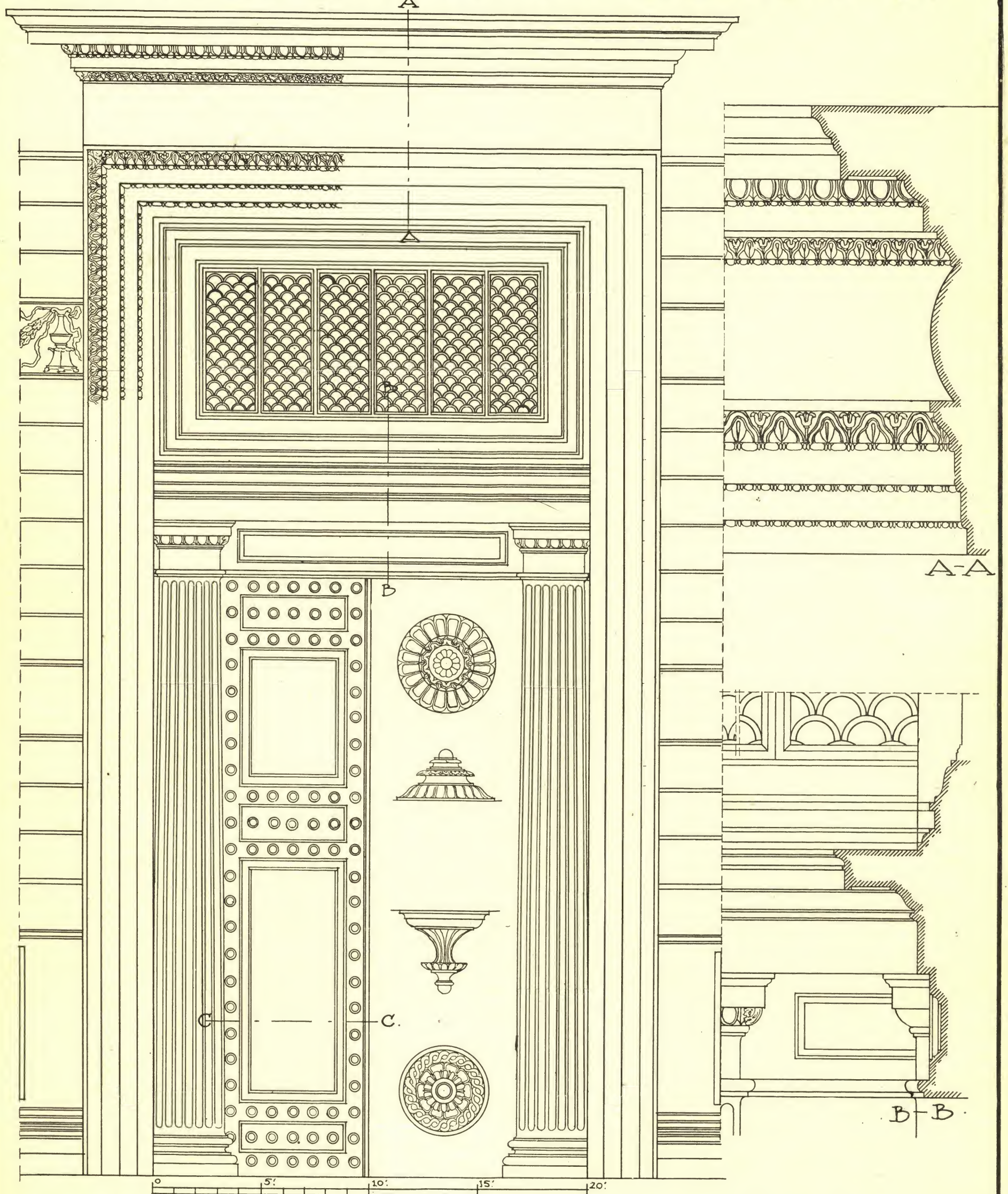


^BATHS^OF^DIOCLETIAN^
^ROME^

^ORDER^OF^PALLADIO^
^XVI^CEN^

Charles M Scarnegie
Bloomington
Indiana

PANTHEON MAIN DOORWAY



Charles M Scarnegie
Bloomington
Indiana

